

Gift of
Earl Blough
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[No. 1.]

DESCRIPTIVE CATALOGUE

OF

Fruit Trees, Vines,

PLANTS, &c., &c.

SYRACUSE NURSERIES,

W. BROWN SMITH, Proprietor,

[No. 1.]

DESCRIPTIVE CATALOGUE
OF
FRUIT TREES AND PLANTS,
CULTIVATED AND FOR SALE
AT THE
SYRACUSE NURSERIES,
[Established 1825,]
SYRACUSE, N. Y.

W. BROWN SMITH,
PROPRIETOR.

INTRODUCTORY.

Some time has now elapsed since the issue of the last edition of our **DESCRIPTIVE FRUIT CATALOGUE**. It has not gone unmarked by important changes in Pomology as elsewhere. The lists of Fruits named as worthy of general cultivation, have been undergoing constant and increasingly thorough revision, some of the old accepted varieties have, upon fuller acquaintance, been discarded as less valuable, while a goodly number of new ones found of high merit have been added.

We have in this regard earnestly endeavored to keep pace with the advancing knowledge. Besides the access we have had to numerous sources of information in the published results of cultivators and pomologists, we have enjoyed superior opportunity of testing a large number of sorts, including many new and rare, on our own grounds. The results of our experience we proffer freely to all who desire to obtain them; so far as practicable, we have sought to embody them in these pages.

STOCK.—Our Stock of Fruit Trees, &c., is at this time larger in amount than ever before, and of unsurpassed quality; every year brings a more ripened experience in respect to the best methods of cultivation, and we are able now to grow trees in point of stockiness, vigor and attractiveness of form, hardly in aught short of perfect. Through complete underdraining of the soil and deep subsoil plowing, turning under a heavy crop of clover, and applying a copious top dressing of vegetable mold or muck, a rich supply of fibrous roots is secured,—a very important point for the planter.

CARE AND ATTENTION.—The personal attention of the proprietor is undividedly given to the business of the concern, a corps of long experienced and skillful assistants is employed in the several departments, and universally no pains are spared to insure in the varied details, dispatch, thoroughness and accuracy.

AGE, LOCATION, &c.—This establishment, one of the oldest, if not quite the oldest of the kind in the country,—it having been in existence now nearly forty years,—is also one of the largest and most

completely furnished. Its location is at the Central City of the Empire State, in the midst of one of the most populous, cultivated and productive agricultural regions anywhere to be found. Both soil and climate in this section of Limestone and Salt, are eminently friendly to the growth of Fruit Trees and Fruit in perfection, and taken together, the attractions and advantages presented here are rarely equalled and nowhere excelled. The facilities for shipping from this point, in every direction and to whatever destination are unrivalled.

SPECIMEN GROUNDS—Upon our Specimen Grounds may be found a large quantity of Fruit Trees including many rare varieties of Pears, in full bearing.* They are open to public inspection, and strangers and others are invited freely to visit them, especially in the Fruit season.

We have also spacious ornamental grounds planted over with Evergreen and other Trees, Shrubs, Plants, &c., to which the attention of those interested is respectfully invited.

TIMES FOR TRANSPLANTING, PACKING, &c.—The usual periods for transplanting with us, are from about the middle of October to the first of December, in the Autumn; and from the last of March to the beginning of May, in the Spring. Trees for the South and West should be forwarded in the Autumn. The uncertainty as to the time when we can commence our Spring operations, renders this consideration important, if not imperative.

All trees, plants, &c., sent from our Nurseries will be distinctly labelled, and safely packed, for which the charges will be moderate; and all packages will be delivered without charge for delivery at the Cars or Canal, after which they are entirely at the risk of the purchaser. *Explicit directions for marking and shipping should accompany each order.*

All orders from strangers should enclose the cash, or contain a satisfactory reference.

Our office is situated on West Genesee Street, No. 190, but a few moments walk from the Rail Road Station. Omnibuses, whose city terminus is at the Syracuse House, traverse the street, passing our door every thirty minutes through the day.

SUGGESTIONS TO CORRESPONDENTS.

FIRST.—Let your name, place of residence, county and state, always be legibly written.

* Of Pears alone we have at present over 200 varieties in bearing.

SECOND.—Write your orders out *separately* and *distinctly* avoiding jumbling them into the body of the letter.

THIRD.—Give particular directions as to the *mode*, *route*, and *line*, by which you wish your packages transported, and to whose care you would have them consigned. We must otherwise be governed in these matters by our own judgment.

FOURTH.—We desire to be informed immediately of the occurrence of any error, omission or oversight, should any be chargeable to us, that it may be corrected at once.

FIFTH.—In forwarding remittances, let it be done by Check or Draft, if convenient, drawn payable to our order.

CATALOGUES.

Our Catalogues will be sent gratis to all who apply post-paid, and enclose stamp to cover postage.

No. 1.—A Descriptive Catalogue of Fruits.

No. 2.—A Descriptive Catalogue of Ornamental Trees, Shrubs, Roses &c.

No. 3.—A Wholesale Catalogue, or Trade List.

A generous and increasing patronage,—a patronage at the time of the outbreak of the present war coming to us from every section of the Union,—has been from the beginning extended to this establishment. And a marked satisfaction on the part of our customers with our manner of dealing, the quality and condition of the stock, &c., received from us, has been very uniformly expressed. Grateful for all these favors in the past, the undersigned,—now successor and sole representative of the firm of which he was throughout a member—begs to tender assurance that he will seek still to merit, and hopes to receive at the hands of an appreciative public, their continuance.

Syracuse, N. Y., 1863.

W. BROWN SMITH.

HINTS ON TRANSPLANTING, &C.

The briefest hints only can be given here, touching this subject. For more full and sufficient directions, we must refer to the popular professional Treatises on Fruit Culture.

1ST. CONDITION OF THE SOIL.—The condition of the soil for planting trees is a point of the first importance. Some lands will require a considerable, others comparatively little previous preparation. Generally the condition of the soil must be such as it would be, adapted to grow successfully farm crops, as wheat, corn &c., and this in extreme seasons whether wet or dry. If the land on which you are to plant your trees is, not in condition to bear these exposures, you can make it so by thorough underdraining, deep plowing and subsoiling. You may enrich it in the usual manner,—by turning under clover, applying barn-yard manure, or where it can be obtained, vegetable mold or muck without stint. This last we think well adapted for producing a large amount of fibrous roots, and it is through these the tree is fed.

2D. PREPARING THE TREE FOR PLANTING.—The broken or mutilated portions of the roots must be cut off so as to leave the ends smooth and sound, and the ends of all the other roots should be pruned. From these ends the new fibrous roots usually start. The stem should then be put in condition for the formation of the top, by removing all the limbs to the point where it is desired to have the top. Then cut back each remaining limb to within four to six buds' distance from the point of commencement of the previous year's growth. In absence of any limbs suitable to form a top, cut the tree down to the requisite height, leaving the dormant buds to make the top.

This business of pruning vigorously, preparatory to setting, is generally a very ungrateful one to the planter, as it spoils for the time the good looks of the tree to an unpracticed eye. It should however be unhesitatingly performed, all the branches to the extent of at least one half the length of the previous year's growth being removed; care should also be used to give the proper form to the tree. The head may be left high or low, as the taste of the planter may prefer, or as the nature of the tree in some cases may require.

3D. PLANTING.—Dig the hole large enough to receive the roots freely without cramping. Let the tree be the same depth as it stood in the Nursery, and not deeper except in the case of Pear on Quince, Apple on Paradise or Doucin, and Plum on wild stock. These should be so set, that the point of union shall come two or three inches below the surface of the ground. Except special care be used in this particular, the union is apt after the settling of the ground to come out above the surface; this should never be.

Fill the whole now with good mellow surface earth, working the dirt carefully in among the roots with the fingers, so bringing it into contact with every part. Pack moderately with the foot, leaving the earth in all cases a little crowning about the trunk of the tree; mulch the surface immediately around the tree with coarse manure, muck or leaves, covering a space equal to the extent of the roots. This protects the earth about the roots against drying or baking with wind and sun, retains to it the requisite moisture, and obviates all occasion for a practice generally of injurious effect,—the watering of newly planted trees.

4TH. PRUNING.—The requirements of pruning vary somewhat according to the kind of tree; we prefer however low training for all trees, for Dwarf trees very especially. The pruning should be done each year, so that no necessity may arise for cutting large limbs. Dwarf trees particularly of the pear and apple, while young require more pruning than any other kind of tree, in order to bring the top to suitable form. For the first two or three years after planting, fully one half the growth of these the previous year should be removed by heading in or reducing the length of each limb. The top limbs require to be cut back more, the lower limbs less. So we assist to an equal distribution of sap and consequent vigor to the lower limbs with the upper. Care must always be used to keep the head of the tree open and well balanced, cutting away the limbs which may be superfluous.

After the tree has passed say the third or fourth year from planting, the requirement of pruning is only to keep it in symmetrical shape, and prevent particular limbs from taking a disproportionate growth. Limbs so inclined must be headed back sufficiently, and all superfluous wood upon the tree kept promptly removed. This regularly attended to, will obviate the occurrence of any necessity for amputating large limbs.

It may be well to suggest to purchasers of Dwarf trees, of whatever kind, that, in order that they may be trained to the entire satisfaction of the buyer, whether *as pyramids, espaliers, or low-stand-*

ards, it is better to procure them *when only of one year's growth*. The Dwarf Cherry particularly we recommend to plant at one year, as with most of its varieties the tree has obtained a fine pyramidal form at this age.

5TH. SUMMER PINCHING.—Those who are impatient to see fruit upon their trees, as is often the case, particularly with regard to trees tardy in coming into bearing, may expedite the fulfilment of their wishes by employing the process of Summer Pinching. In the month of July pinch off the ends of the young shoots. This retards for the time the flow of sap, and hastens the formation of fruit buds.

6TH. CULTIVATION.—For the young orchard, particularly of dwarf pear trees, keep your land in good heart, and under clean cultivation to low hoed crops. Beware however of letting the plow among the roots of the young trees. Otherwise cultivate deep as you please.

DISTANCES BETWEEN TREES IN PLANTATIONS.

Standard Apple Trees.....	25 to 30 feet	apart each way.			
Dwarf " "	4 to 6 "	" " "	"	"	"
Standard Pear & Cherry.....	18 to 20 "	" " "	"	"	"
Dwarf Pear, Dwarf Cherry & Quince.	8 to 10 "	" " "	"	"	"
Apricot, Nectarine, Peach & Plum...	16 to 18 "	" " "	"	"	"
Currant, Gooseberry & Raspberry...	3 by 5 "	" " "	"	"	"
Blackberries, & Black Cap Raspberries	4 by 8 "	" " "	"	"	"
Grape Vines.....	8 by 8 "	" " "	"	"	"

NUMBER OF TREES REQUIRED TO PLANT AN ACRE.

At 4 feet apart each way.....	2722
" 6 " " "	1210
" 8 " " "	681
" 10 " " "	436
" 12 " " "	302
" 15 " " "	194
" 20 " " "	110
" 25 " " "	70
" 30 " " "	48
" 2½ feet by one foot, (Distance for Strawberries).....	17408
" 4 " " (Strawberries for Marketing).....	10888

CATALOGUE OF FRUITS.

(FOR THE PRICES OF TREES, SEE CONCLUSION OF WORK.)

APPLES.

The increasing attention to the cultivation of fruits, and the natural emulation growing out of it, are working much to correct the indifference with which it has been the custom to treat the apple orchard, and promise to secure for it a consideration worthy of its importance, as yielding in the most bountiful profusion, the most extensively useful and most indispensable of all the fruits.

The apple thrives best in a rich loam, but it will grow in almost any soil properly prepared. By following our Hints, given on page six, the trees will soon become well established, and give an early taste of their quality.

Dwarf trees for Bushes, Pyramids or Espaliers, we have under cultivation and can supply freely. They embrace the principal leading varieties of the different seasons, the points of fine appearance and quality being especially regarded. On the *Paradise* stock the tree is small, bears early and is highly ornamental. On the *Doucín* it makes a freer growth and is well suited for a Pyramid or low Standard. The former (*Paradise*) should be planted four to six feet apart; the latter (*Doucín*) eight to twelve feet.

Summer Apples.

ASTRACHAN, RED,—Rather large, roundish, brilliant deep crimson, with a thick bloom, juicy, crisp, and acid; a beautiful apple. Tree a vigorous grower, very hardy, and very productive. August.

BENONI,—Medium size, nearly round, deep red, tender, rich, sub-acid, and with an agreeable flavor. During August.

BOHANNAN,—Large, roundish oval, yellow, very tender, high flavored and delicious. August.

CAROLINA RED JUNE,—Medium size, deep red; flesh white, tender, juicy, sub-acid. Tree very productive and hardy. August.

EARLY HARVEST,—Medium size, roundish, pale yellow or straw color, sub-acid, fine. Tree moderate grower and productive. Last of July and first of August.

EARLY JOE,—Medium size, deep red on yellow ground. Tree a slow but erect grower and profuse bearer; flesh tender, juicy and excellent. August.

EARLY STRAWBERRY,—Medium size, striped with deep red; tender, sub-acid, and pleasant. Erect grower and productive. August.

GOLDEN SWEET,—Rather large, roundish, greenish to pale yellow; flesh very sweet and good. Tree very hardy, free grower and good bearer. August.

PRIMATE.—Large, or rather above medium; when ripe, straw color, tinged with blush; tender, fine grained, juicy, and sub-acid. An abundant bearer and vigorous grower; ripens gradually through August and September. One of the very best early apples grown. Last of July to first of September.

SOPS OF WINE.—Large, oblong, red, fine flavored, mild and agreeable. Tree very hardy. August.

SUMMER BELLEFLEUR.—Above medium, roundish, yellow, fine grained, tender, rich, and sub-acid. August and September.

SUMMER QUEEN.—Large, deep yellow, striped with red, aromatic, rich, and fine flavored. August.

SWEET BOUGH.—Large, roundish, pale greenish yellow, tender and sweet. A moderate and regular bearer. August.

TART BOUGH.—Above medium, oblong, yellowish white, rather acid, in flavor like Early Harvest; a highly valuable cooking apple. Aug.

Autumn Apples.

ALEXANDER.—Large, deep red or crimson; flesh yellowish white, crisp, tender and juicy, medium quality. October and November.

AUTUMN STRAWBERRY.—Medium, roundish, with streaks of light and dark red; tender, juicy and agreeable. Vigorous and productive. One of the very best autumn apples. September and October.

BELLE ET BONNE.—Large, globular, rich yellow, tender, with a high sub-acid relish and perfumed flavor. October to December.

CHENANGO STRAWBERRY.—Large, oblong, ribbed, yellow, striped with red, tender and crisp, with a rich sub-acid flavor. Tree a good grower and abundant bearer. September and October.

COLVERT.—Large, round, yellowish, striped and nearly covered with red; tender, juicy, and very good. Tree very hardy, a constant and abundant bearer. Nov. to Feb. We esteem this very highly.

COOPER.—Rather large, greenish yellow and pale red, crisp, juicy and pleasant; much cultivated in Ohio. October and November.

DUCHESS OF OLDENBERG.—Medium size, skin streaked with red on a yellow ground; flesh rich, juicy, fine flavor. Very hardy. Sept.

DYER, OR POMME ROYAL.—Large, roundish, light yellow with a faint brown check, fine grained, tender, juicy, and of excellent flavor. This has but few equals. September and October.

ENGLISH SWEETING.—Medium to large, skin streaked with red on greenish yellow ground; flesh yellow, juicy, very sweet and rich. Tree very hardy and a great bearer. October to December.

FALL JENNETTING.—Large, roundish, oblate, greenish yellow with a blush, tender, juicy, and very good. October and November.

FALL PIPPIN.—Very large, roundish, oblong conical, greenish yellow, becoming rich yellow when ripe; flesh rather firm, rich and excellent; shoots vigorous, becoming spreading; moderately productive. Fine in all localities. October to December.

GRAVENSTEIN.—Large, roundish, striped with bright red on yellow ground; tender, juicy, very rich and high flavored. Fine in all localities. Vigorous, erect and productive. September and October.

HAWLEY, OR DOWSE.—Large, roundish, pale yellow, tender, fine grained and rich; very valuable. Sometimes rots on the tree. October and November.

JEFFRIES.—Medium size, skin yellow, shaded and splashed with crimson, and thickly covered with large whitish dots; flesh white, tender, juicy, with a mild, rich, sub-acid flavor. A very beautiful apple. September.

JERSEY SWEET.—Medium, greenish yellow, thickly striped with red, very sweet, juicy and tender; good in all localities. Fine bearer. A popular apple. September and October.

KESWICK CODLIN.—Above medium, conical, straw colored, juicy, acid, and of pleasant flavor. Very superior for cooking, and in use from July till November.

LOWELL, OR ORANGE.—(Queen Anne, or Tallow Pippin, of O.) Large, roundish oblong; green becoming rich yellow; surface oily; valuable for its fairness, good quality, and great productiveness. Tree very hardy. September and October.

MAIDEN'S BLUSH.—Medium to large, oblate or flat, with a beautiful blush cheek; fine grained and tender, but not rich. Uniformly productive. September and October.

MUNSON SWEET.—Medium to large, roundish oblate; pale yellow, with a fine blush on the sunny side, tender, sweet and of a fine flavor, much like the following variety, but a late keeper. Tree straight, handsome, robust and very hardy. October to December.

PORTER.—Rather large, oblong, bright yellow; tender, rich and of fine flavor. Productive. Esteemed in the Northern States. September and October.

RAMBO.—Medium, oblate, yellowish ground streaked with dull yellowish red, and somewhat dotted; tender, rich, mild, and very excellent. Fine in nearly all localities. October to January.

ROME BEAUTY.—Large, roundish, light yellow, overspread with bright red, crisp, mildly sub-acid, and agreeable. October to December.

ST. LAWRENCE.—Large, roundish, striped with dark red on yellowish ground; rather acid, moderately rich and agreeable. A handsome, good and productive apple. Tree very hardy. October.

SWEET BELLEFLEUR.—Large, globular, light yellow with a slight blush, tender, juicy and sweet. October and November.

TWENTY OUNCE.—Very large, roundish, striped with red on yellowish ground; crisp, sub-acid. Very productive and excellent for cooking. Very profitable market apple. October to January.

TWENTY OUNCE PIPPIN.—Skin dark dull red; flesh coarse grained, with a brisk sub-acid flavor. Large, slightly oblong, calyx closed. Fine cooking apple. Tree very hardy. November to February.

Winter Apples.

BALDWIN.—Large, roundish, bright red, mild, juicy, and rich. Tree productive, but rather tender. First rate. December to March.

BAILY SWEET.—Large, deep red striped on yellowish ground; flesh tender, rich, honied sweet flavor. Excellent sweet apple. November to January.

BELLEFLEUR, YELLOW.—Large, oblong, pale yellow with a deep blush on the sunny side; tender, fine grained, crisp, juicy and excellent. Tree very hardy. February.

BELMONT.—(Waxen, or Gate.) Large, clear pale yellow with bright blush; tender, rich, fine flavored. The apple of Ohio. A profuse bearer. November to February.

DUTCH MIGNONNE.—A very beautiful apple, orange and russet, with streaks of red, and finely flavored. Good bearer. November to March.

FALLAWATER.—(Syn.—Faldenwalder, Tulpehocken.) Large, roundish, smooth, yellowish green with a brown blush, tender, juicy, mildly acid, and agreeable. December to April.

FAMEUSE.—(Snow Apple.) Medium size, round, striped and blotched with deep crimson; juicy, sub-acid, spicy and pleasant. Highly esteemed in Canada. Tree very hardy. November to January.

- GREEN SWEETING.**—Medium, nearly round, greenish, tender, sweet and spicy; not excelled; one of the best keeping sweet apples. Tree very hardy. December to May.
- HENRICK'S SWEET.**—Medium size, skin whitish yellow shaded with light red, splashed with crimson; flesh white, tender, juicy, very sweet. November to May.
- HEWES' VIRGINIA CRAB.**—Quite small, skin dull red dotted with white specks; flesh fibrous and acid. Highly esteemed as a cider apple.
- HUBBARDSTON NONESUCH.**—Large, striped yellow and red, tender, juicy and fine. Good bearer. November to January.
- JEFFERSON COUNTY.**—Medium size, skin greenish yellow, marbled and striped with red; flesh, crisp, juicy, with a mild sub-acid flavor. Excellent. Tree hardy. October to February.
- KING.**—(Tompkins Co. King). A large, handsome fruit, striped red and yellow, crisp, juicy, sub-acid, and of excellent quality. Tree rather tender. October to January.
- LADIES' SWEETING.**—Large, roundish, striped with red, on yellowish green ground, in the sun nearly quite red; sweet, tender, juicy, fine, agreeable, rich, and slightly perfumed. A good bearer. Tree rather tender. November to May.
- LADY APPLE.**—A beautiful little dessert fruit; flat, pale yellow with a deep red cheek; crisp, juicy, and pleasant. December to May.
- LANSINGBURG.**—Full medium, smooth, skin green bronzed, becoming very rich yellow, blushed fine earmine, very handsome; flesh very firm, not juicy, sub-acid, rich. April to June. (Doct. Warder).
- LIMBER TWIG.**—Large, roundish, light yellow, splashed with red; flesh whitish, tender, and sub-acid. December to May.
- MILAM.**—Full medium, skin yellow, sometimes shaded with red on sunny side; flesh firm, juicy, with a pleasant sub-acid flavor. Dec. to March.
- MOTHER.**—Large, oblong, deep red on yellow ground; very tender, rich, aromatic and mild; somewhat resembles the E. Spitzenberg in appearance. A good bearer. November to January.
- NEWTOWN SPITZENBERG.**—See Vandevere.
- NORTHERN SPY.**—Large, roundish, handsomely striped with red; juicy, rich, mild, and agreeable. Vigorous grower and fine bearer. Very hardy. December to June. This apple is a universal favorite, being one of the largest, best, most beautiful, and long keeping apples yet known.
- NORTON'S MELON.**—Medium or large, roundish; bright red on pale yellow ground; tender, very juicy, spicy and pleasant. A handsome and delicious fruit. October to February.
- PECK'S PLEASANT.**—Large, roundish, light green, becoming yellow; very tender, with a mild, rich, fine clear pippin flavor. Good bearer. Tree very hardy. December to March.
- POMME GRISE.**—Rather small, roundish; cinnamon russet; very tender, fine grained, rich and high flavored. One of the best dessert apples for the extreme North. December to February.
- PRYOR'S RED.**—Rather large, roundish, deep dull red on greenish yellow ground; very tender, mild, rich, sub-acid, and agreeable. Highly esteemed in South-Western States. Keeps till spring.
- RAWLE'S JANETTE.**—Medium size, roundish oblong, pale red stripes on light yellow ground; crisp, juicy, rich, and mildly sub-acid. First rate. Keeps through the spring. Tree very hardy.
- RHODE ISLAND GREENING.**—Large, roundish, green becoming greenish yellow; tender, juicy, rich, rather acid and slightly aromatic. Very crooked grower. In the South it becomes an autumn fruit; in the North it matures in March and April.

RUSSET, GOLDEN.—Full medium size, russet tinged with red on the exposed side; flesh crisp, juicy, high flavored, resembling a fine pear when ripe. Season from January to June. Tree very hardy and bears every year. (To our taste, the best of its season.)

RUSSET, ROXBURY OR BOSTON.—(Putnam Russet of Ohio). Medium or large, roundish, a rough russet on greenish yellow ground; somewhat granular, crisp, rather acid and moderately juicy. It will keep until June.

SEEK-NO-FURTHER.—(Westfield). Medium to large, roundish, slightly russeted, with dull red stripes; tender, rich, spicy and of a fine flavor. Great bearer. November to February.

SMITH'S CIDER.—Medium, skin red and yellow; flesh juicy, acid; medium quality. Good bearer. November to February.

SPITZENBERG, ESOPUS.—Large, round ovate, deep red, faintly striped and covered with bloom; rich, crisp, high flavored and excellent. Tree a poor grower and tender. December to April.

SWAAR.—Large, roundish, greenish yellow, a little russeted; tender with a very mild, rich, agreeable flavor. One of the best. January to May.

TALMAN'S SWEETING.—Medium, roundish, clear light yellow; firm, rich and very sweet; fine for the kitchen. Vigorous and productive. Tree very hardy. November to April.

VANDEVERE.—Large, roundish, light red on yellow ground, with numerous dots; rich, mild, and excellent in flavor. Fair bearer. October to March.

WAGENER.—Medium or large, yellow ground with dull red stripes. very fine grained, tender, aromatic, mild and excellent. Nov. to April.

WHITE PIPPIN.—Large, skin greenish white, becoming pale yellow when ripe; flesh tender, crisp, juicy with a fine, rich sub-acid flavor. Of the Newtown Pippin class. Tree very hardy. Jan. to March.

WHITE WINTER PEARMAN.—Medium size, skin pale yellow, with a slight blush on the sun cheek; flesh yellowish, tender, crisp, juicy, very pleasant sub-acid flavor. Tree very hardy. Jan. to April.

WINESAP.—Medium size, rather oblong, smooth, dark red, firm, crisp, with a rich, high flavor. Dec. to June.

WINTER SWEET PARADISE.—Large, roundish, fair, dull green with a brown blush, fine grained, juicy, sweet, sprightly and very good. Nov. to March.

Crab Apples, for Ornament and Preserving.

AUCUBAFOLIA.—Very large, yellow with red cheek; good eating apple.

BACCATUS.—Small, red and very handsome.

DOUBLE FLOWERING CHINESE.—A beautiful ornamental tree, producing large clusters of semi-double rose-colored blossoms.

DOUBLE FLOWERING WHITE.—Flowers large double blush-white; fruit beautiful carmine.

HYSLOPS.—Large, skin rich purple, covered with a velvety bloom; fruit hanging until heavy frosts. Very ornamental.

LARGE RED SIBERIAN.—Rose violet on the sunny side, greenish yellow in the shade, covered with bloom.

LARGE YELLOW SIBERIAN.—Fine rich yellow.

PURPLE, OR ROSE COLORED.—Fine reddish purple, covered with bloom.

STRIPED.—Yellowish rose color, striped with carmine.

TRANSPARENT OF ROUEN.—Deep carmine covered with bloom.

Additional List.

The following varieties of Apples are cultivated by us to some extent. Many of them are untested, others considered by us, on some one or another account, hardly worthy of being placed in our descriptive list :

Alarkee.	Hall.
Alley.	Hamilton.
American Golden Russet.	Harris.
American Summer Pearmain.	Hemphill.
Amlin.	Hildreth's Harvest.
Aromatic.	Hognose.
Autumn Swaar.	Holladay.
Battlefield.	Holland Pippin.
Barnhill Summer.	Horse.
Beard's Seedling.	Hulbert Striped.
Beauty of the West.	Hunge.
Belleflower, (White.)	Hyeo Sweeting.
Berkley.	Junaluskee.
Beverly.	Kolb.
Blue Pearmain.	Large Striped Pearmain.
Blush.	Landrum.
Bottle Greening.	Level.
Bradford's Best.	Linus.
Bronson's Sweet.	Lindley.
Brook's Pippin.	Lorton.
Buckingham.	Matamuskeet.
Buff.	Marlbank.
Cat's Head.	Marshal.
Camak's Sweet.	Mayericks Sweet.
Carbage.	May Queen.
Carbal.	Mc Donald.
Carter.	Meigs.
Chatham.	Middle Apple.
Clampet.	Minister.
Clyde Beauty.	Newtown Pippin.
Cornish Gilliflower.	Nickajack.
Cullasage.	Northern Sweeting.
Danver's Winter Sweet.	Oeonee Greening.
Davis.	Ogleby.
Defiance.	Ohio Pippin.
Disharoon.	Parker.
Drap d'Or.	Pennsylvania Vandevere.
Duckett.	Pine Apple Russet.
Duling, (Scarlet Perfume).	Polly Bright.
Dunbar.	Price Apple.
Early Pennoek.	Queen.
Early Red Streak, (Early Red Margaret).	Rabum.
Early Seeknofurther.	Red Canada.
Early Washington.	Red Sweet Pippin.
Edwards.	Republican Pippin.
English Red Streak.	Romanite.
Equinetelee.	Royal.
Fall Wine, (Ohio Wine).	Ruckman.
Farrer.	Sharpe.
Ferdinand.	Shockley.
Franklin Golden Pippin.	Steverson.
Freedle.	Southfall.
Genesee Chief.	Summer Rose.
Gladney.	Sweet Belmont.
Golden Pippin.	Tankard.
Granger.	Tewksbury Blush.
Green Skin.	Virginia Sweeting.
Gross.	Virginia Quaker.
Gulley.	Williams Early.
	Yellow Foster.

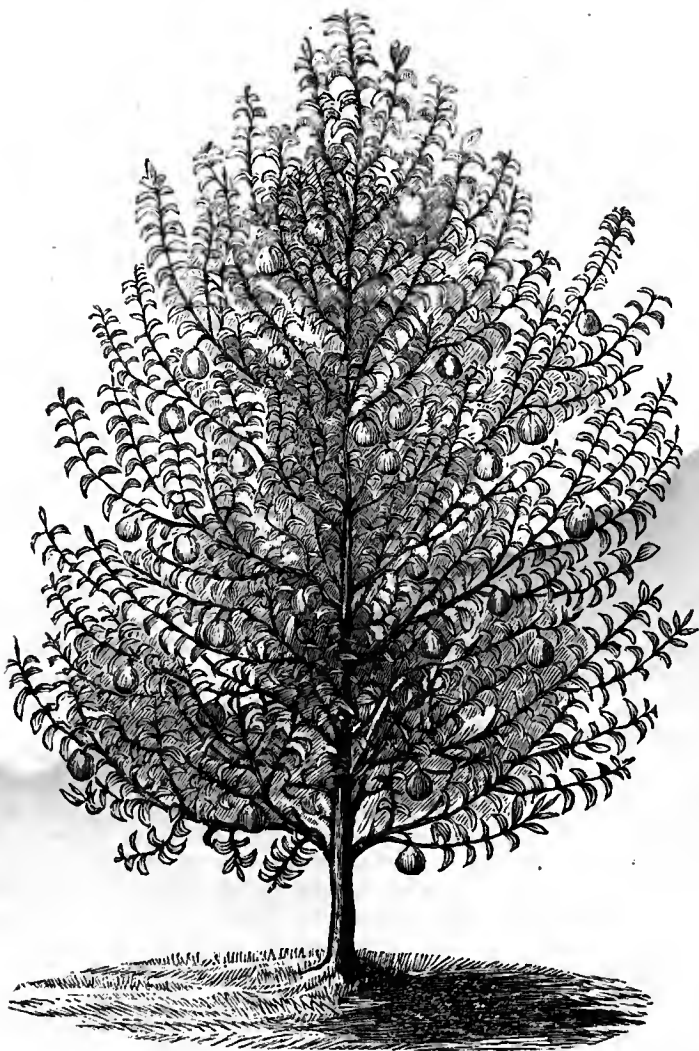
PEARS.

Its great beauty of appearance, its delicate qualities of texture, perfume and flavor, its exceeding lusciousness to the taste, combine to make the Pear the favorite of all fruits. Through the persevering efforts of pomologists a very goodly number of prime varieties have from time to time been brought out and disseminated, displacing many of the old and less valuable sorts, and it is now the privilege of the planter to possess this fruit in very high perfections of quality.

STANDARDS AND DWARFS.—Standard Pears, *i. e.*, Pears on the Pear stock, will adjust themselves to a greater variety of soil, and resist the power of adverse circumstances better than those on the Quince stock, *i. e.* Dwarf Pears. But the latter set upon a strong retentive soil, and treated with reasonably good care, will yield a large result to the planter, since about four times as many Dwarfs may be put upon a given tract as Standards, and each Dwarf will, say for the first twenty years bear as much as the Standard, reckoning of course in this calculation such varieties as are congenial to the Quince root. Varieties that are ill adapted to the Quince may be double-worked on Quince in cases where this stock is preferred.

RIPENING.—Few pears are good ripened on the tree, many sorts are nearly worthless. Summer pears should be gathered when they have become full grown, and placed in boxes in the fruit room, which should be dark, dry, and cool. Covering them with flannel greatly favors their ripening and taking on a beautiful rich color. Autumn pears may be let to remain on the tree until they begin to mature and fall. Then they should be gathered, placed in the fruit house and covered up. Winter pears should be left on the tree as long as possible without exposing them to frost, say until 1st to 15th of November. Gathered, they should be put in barrels or boxes and deposited in a room of low temperature, the lower the better, avoiding frost. If covered with old carpets or coverlets they will bear pretty severe weather without injury. The temperature of the air about them should be kept as uniform as possible. When the time for their ripening arrives, place them in warm air and they will soon be in perfect condition. Many varieties will ripen well with the same treatment that winter apples require. In all cases Pears should be kept carefully assorted.

Such as we have found to succeed in the Nursery on the Quince stock, are marked with a Q.



The above is a correct representation of a **FLEMISH BEAUTY** Pear tree, on Quince stock, standing in front of our office. It is eight years old from the bud.

Summer Pears.

ANANAS D'ETE.—Above medium, pyriform, yellowish green, frequently with reddish brown cheek; fine grained, buttery and melting, with a high perfumed flavor. Tree very hardy. Sept. Q.

X **BARTLETT.**—Large, buttery and melting; fine grained and tender; musky flavor. Growth erect; very productive, bearing when young. Tree rather tender. Sept.

BEURRE GIFFART.—Medium, pyriform, fine yellow with red cheek; buttery, juicy, sweet, high flavored and delicious. A poor grower in the Nursery. One of the very best early pears. Aug. Q.

BLOODGOOD.—Medium, buttery, rich and melting, and of very good quality. We have not found it to succeed well on the Quince. Aug.

BRANDYWINE.—Medium, yellowish green, nearly covered with russet blotches; melting and rich. Aug.

CANANDAIGUA.—Similar, but not equal in size and flavor, to the Bartlett. Sept. Q.

DEARBORN'S SEEDLING.—Scarcely medium in size; clear yellow, with minute specks; fine grained, juicy and melting. A good summer pear. Ripens nearly with the Bloodgood. Q.

DOYENNE D'ETE.—Small, clear yellow, with a bright and red cheek; juicy, sweet and melting. Bears well even while young. Ripens well on the tree. Aug. Q.

HOSHEN SHENK.—(Shenk's.) Quite large, pyramidal, yellow, often with a fine blush; buttery, very juicy and melting. From 10th to last of August. Q.

JULIENNE.—Skin clear bright yellow, handsome; flesh white, half buttery, sweet and moderately juicy. Excellent quality. Tree very hardy. Aug.

KINGSESSING.—(Leech's.) Large, buttery, rich and delicately flavored. Last of August. Q.

X **MADELEINE.**—Medium, yellowish green, very juicy and melting, with an agreeable, refreshing flavor; early bearer. A pear of excellent quality. Tree rather tender. First of August.

MOYAMENSING.—(Smith's.) Large, buttery and melting, extra fine flavor; lemon yellow, sometimes a little russeted. Sept.

X **OSBAND'S SUMMER.**—Medium size, yellow, with a brown cheek, melting with a sweet, mild and fine flavor. Productive and one of the best early pears. Tree very hardy. Aug. Q.

OTT.—Small, greenish yellow; melting, rich and perfumed; resembles closely the Seckel, its parent. Early in August. Q.

ROSTIEZER.—Medium, yellowish green, with a brown cheek; juicy, melting, sweet, with a high perfumed flavor. Sept. Q.

SUMMER BON CHRETIEN.—Large, pyriform, yellow, with an orange blush; coarse grained, firm, very juicy, sweet and agreeable. Tree very hardy. Early in September. Q.

TYSON.—Medium, bright yellow, with a brown cheek; buttery, melting, aromatic and sweet. Esteemed one of the best summer pears. Tree very hardy. Sept. Q.

Autumn Pears.

BELLE LUCRATIVE.—(FONDANTE D'AUTOMNE.) Medium, yellowish green, slightly russeted; melting, delicious and fine. Good bearer. This is one of the best autumn pears. September and October. Q.

BEURRE BOSC.—Large, deep yellow, a little russeted; juicy, buttery, rich and high flavored. Grows singly, looking as if thinned on the tree. September and October.

BEURRE CAPIAUMONT.—Medium, yellow, with red cheek, sweet and rich. Productive. Oct. Q.

BEURRE CHARRON.—Medium, roundish turbinate, yellowish green, exceedingly melting, juicy, high flavored and delicious. Oct.

BEURRE CLAIRGEAU.—Very large, clear cinnamon russet, with reddish tint on sunny side, melting, juicy, sprightly, perfumed and excellent. Very handsome. Tree tender. Oct.

- BEURRE D'AMALIS.**—A large, fine, melting pear, resembles the Brown Beurre both in quality and color, Sept. and Oct. Q.
- BEURRE D'ANJOU.**—Large, greenish yellow; buttery and melting, with a high, rich flavor. Tree very hardy. Nov. and Dec. Q.
- BEURRE DIEL.**—Large size, dull yellow, and much dotted; sugary, rich and juicy. Nov. and Dec. Q.
- BEURRE GOLDEN OF BILBOA.**—Medium size; a beautiful pear of good quality, buttery and melting; fine yellow, somewhat russeted. Tree very tender. Sept. and Oct. Q.
- BEURRE GOUBAULT.**—Medium, roundish, green; tender, exceedingly juicy, sweet and melting. Middle of Sept. Q.
- BEURRE SUPERFINE.**—Large, yellowish green, and somewhat russeted; very melting and juicy, with a rich, agreeable sub-acid flavor. Oct. Q.
- BONNE D'EZEE.**—Large, yellow, with a fine blush; melting, sweet and delicious; forms a beautiful pyramid on the Quincee. Sept. Q.
- BUFFUM.**—Medium, yellow with a reddish brown cheek; buttery, sweet, and fine flavored. Tree very hardy. Q.
- CHAIR ADAME.**—Medium size, yellowish green; coarse grained, full of highly vinous juice, and of a fine Bergamot flavor. Oct. Q.
- COPS HEAT.**—Large, yellow; fine grained, very juicy, buttery, melting, sweet and acidulous, with the Bergamot flavor. It has few superiors. Middle Oct. Q.
- DELICES DE JODOIGNE.**—Greenish yellow, frequently with a rich brown cheek and covered with brown specks; coarse grained, crisp, very juicy, melting, and sweet, with slight flavor. Tree very hardy. Middle of Oct. Q.
- DES NONNES.**—Above medium, regularly turbinate, smooth, fine clear lemon color; very juicy, sweet, melting, and delicious; with an exquisitely fine, high flavor and perfume. This fruit, much surpassing the Seckel in size, while fully rivaling it in its rich aroma, and possessing all the melting lusciousness of the Belle Luerative, has already become a favorite among cultivators and amateurs. The tree bears very early and abundantly, and the fruit should be thinned out. Sept. and Oct. Q.
- DE TONGRES.**—Large, obovate, bronze colored, changing to deep brownish yellow; fine grained, melting, juicy, and vinous, with a delicious perfumed flavor. October.
- DIX.**—Large, fine yellow, melting, juicy, and rich. Very tardy in coming into bearing. Tree very hardy. October.
- DOYENNE BOUSSOCK.**—Large, lemon yellow, a little russeted; buttery, melting and juicy. October. Q.
- DOYENNE DU COMICE.**—Large, fair, pale yellow; melting, buttery, juicy, rich, sugary, perfumed and delicious. Oct. and Nov. Q.
- DOYENNE GRAY.**—Medium, cinnamon russet; melting, buttery, rich, and perfumed. November. Q.
- DOYENNE ROBIN.**—Large, roundish, yellow; melting, refreshing and excellent. In size and form like Doyenne Boussoek. September and October. Q.
- DOYENNE SIEULLE.**—Medium, roundish, pale yellow tinged with red; buttery, rich, melting and very good. Oct. and Nov. Q.
- DOYENNE WHITE.**—(Virgalieu.) Medium, pale yellow with a faint blush; fine flavor, and universally esteemed. Very hardy tree. Oct. and November. Q.
- DUCHESS D'ANGOULEME.**—Large, greenish yellow, sometimes a little russeted. Does best on Quince. Fine market fruit. October and November. Q.
- DUCHESS D'ORLEANS.**—(BEURRE ST. NICHOLAS.) Large, golden yellow, slightly russeted; buttery, melting, rich, and delicious. Oct. Q.

- FLEMISH BEAUTY.**—Large, pale yellow, somewhat russeted, juicy, melting, rich, and sweet. Good bearer. We find it to do well on Quince. Tree very hardy. September and October. Q.
- FONDANTE DE MALINES.**—Large, pyriform, golden yellow, deepening to orange on the sunny side; coarse grained, exceedingly buttery, juicy, sweet, rich and fine flavored. Nov. Q.
- FONDANTE DU COMICE.**—Medium to large, handsome yellow; rather coarse grained, full of a refreshing acidulous juice, with a slight Bergamot flavor. An early and prolific bearer. Last of October. Q.
- GEN. LAMORICIERE.**—Medium, pyriform, melting, buttery, juicy, with a delicious flavor. September and October. Q.
- GRASLIN.**—Large, melting and fine. Nov. Q.
- HEBRON.**—Medium, round, russety, very aromatic but not very juicy, rich. Sept. Q.
- HENRY FOURTH.**—(ANANAS.) Small, greenish yellow, with brown, rough check, high flavored, juicy, and refreshing. Sept. Q.
- HOWELL.**—Large, obovate, yellowish green, with a dull red cheek; melting, juicy, slightly acidulous, with a delicate perfumed flavor. Tree very hardy. October and November. Q.
- KING.**—Medium size, yellowish green, granular, juicy, sugary, aromatic, perfumed, very productive. Very hardy tree. Oct. Q.
- KIRTLAND.**—Medium, roundish obovate, rich cinnamon russet, coarse grained, very melting and buttery; with much of the peculiar flavor of Gansel's Bergamot. Sept.
- LOUISE BONNE DE JERSEY.**—Large, yellowish green, with a red cheek; very juicy, buttery, melting, and rich. One of the best, and very productive. September and October. Q.
- MARIE LOUISE.**—Large, yellowish green; buttery, melting and vinous; sometimes very rich and fine. An abundant and early bearer, but variable in quality. Oct.
- NAPOLEON.**—Medium, pale yellowish green; uncommonly juicy and melting, and moderately rich. September and October. Q.
- ONONDAGA.**—A very large, rich, yellow pear, melting and high flavored. Very productive. October and November. Q.
- OSWEGO BEURRE.**—Medium, yellowish green with thin russet; melting and juicy, with a rich vinous flavor. Profusely productive. Tree very hardy. October to December. Q.
- PARADISE D'AUTOMNE.**—Large, yellowish orange, a little russeted; melting, very buttery; with a rich and excellent flavor. Fruit resembles Beurre Bosc. October.
- PENNSYLVANIA.**—Large, pyriform, yellowish green, marbled with russet, rather coarse and crisp, half melting and juicy. Oct.
- PRATT.**—Large medium, pyriform, greenish yellow with russet dots, fine grained, melting, juicy, with a fine, rich, aromatic flavor. Sept. Q.
- RUTTER.**—New; introduced by Mr. J. Rutter, of Pennsylvania. Full medium size; not fully tested, but recommended as worthy of trial.
- SECKEL.**—The richest and highest flavored pear known; small, yellowish brown, with deep brown cheek; sweet, very juicy, buttery, melting.—Good bearer. September and October. Q.
- SHELDON.**—Above medium, roundish, usually greenish russet, sometimes tinged with red; very melting, juicy, sugary, rich, with a high musky flavor. Tree very hardy. Oct.
- ST. MICHAEL ARCHANGEL.**—Large medium, irregular, yellow, with russet thinly spread over the surface, often with a fine blush, rather coarse grained, very sweet, melting, and of a fine Bergamot flavor.—Oct. Q.
- STEVENS' GENESEE.**—Large, yellow, buttery, and fine flavored. Bears profusely. September and October. Q.

- SURPASSE VIRGALIEU.**—Rather large, obovate, smooth, pale lemon yellow; very fine grained and buttery, with a delicious, high flavored aromatic juice. Oct. Q.
- THEODORE VAN MONS.**—Medium to large, greenish, slightly sprinkled with russet. Flesh white, coarse, granular, juicy, melting and vinous. Very productive. Tree very hardy. Oct.
- URBANISTE.**—Large, pale yellow, faintly russeted; melting, delicious and perfumed. Tree very hardy. October and November. Q.
- VAN MONS' LEON LE CLERE.**—very large, yellowish green, slightly russeted; buttery, melting, and rich. Productive. October and November. Q.
- VICOMTE DE SPÆLBERG.**—Medium, greenish yellow; buttery, melting, and juicy, with a rich, delicious flavor. Nov. Q.
- WASHINGTON.**—Small, obovate, smooth, clear lemon yellow, very juicy, melting, sweet and agreeable. Sept.

Winter Pears.

- BEURRE BACHELIER.**—Very large, smooth, yellow; firm, succulent and buttery. Ripens in Dec. Q.
- BEURRE D'AREMBERG.**—Large, rich, melting, with a vinous flavor. Dec. to Jan.
- BEURRE EASTER.**—Large, melting, and fine. Keeps through the winter. Q.
- BEURRE GRIS D'HIVER NOUVEAU.**—Medium, russeted; buttery, melting, very juicy, rich, and vinous. Nov. to Jan. Q.
- BEURRE LANGELIER.**—Large, obovate pyriform; fine grained, melting, juicy, and slightly perfumed. Nov. to Jan. Q.
- CHAUMONTELLE.**—Large, fine, buttery and melting. Dec. Q.
- COLUMBIA.**—A large, buttery pear, melting and rich; very productive. Nov. to Jan. Q.
- DOYENNE D'ALENÇON.**—Medium, obovate, rough, greenish yellow, with rich brown cheek, more or less russeted; melting, buttery, juicy, sweet, and very agreeable. Dec. to April. Q.
- FIGUE D'ALENÇON.**—Medium, long pyriform, green, partially covered with brown russet; sweet, juicy, and melting, with a finely perfumed flavor. Tree very hardy. Dec. Q.
- GLOUT MORCEAU.**—A large, sweet, melting, buttery pear. Productive. Tree very hardy. Dec. Q.
- LAWRENCE.**—A large, rich flavored, melting pear. One of the very best winter pears. Tree very hardy. Nov. to Feb.
- PASSE COLMAR.**—Large, rich, buttery and melting. Dec. Q.
- PRINCE'S ST. GERMAIN.**—Medium, obovate, green, nearly covered with brownish russet; juicy, melting, with a sweet, vinous and agreeable flavor. Nov. to March.
- SOLDAT LABOUREUR.**—Large, yellow; melting, buttery, high flavored and excellent. Jan. Q.
- VICAR OF WINKFIELD, OR LE CURE.**—A large and long pear of excellent quality and great productiveness. One of the most profitable for market. Does best on the quince. Tree very hardy. November to January. Q.
- WINTER NELIS.**—Medium, yellowish green, with grey russet; fine grained, buttery, rich and sweet, with a high aromatic flavor. Straggling grower in Nurscry. Nov. to Jan. Q.

Additional List of Pears.

The following we have under cultivation to greater or less extent, on our grounds. Some of them are new and are highly recommended, but not yet sufficiently tested to be well known with us. Others we know to be inferior except where wanted for some special purpose, or for growing in particular localities. There are, however, a considerable number among them unquestionably of high merit.

ADAMS.—Large, juicy, brisk, vinous, excellent. September to middle of October.

ALEXANDRINE DONELLARD.—New.

AMIRE JOANNET.—Very small, sugary. Good bearer. 15th to last of July. Q.

ANDREWS.—Rather large, juicy, melting, fine vinous flavor. Early September.

BARON DE MELLO.—Medium, melting, high flavored. Oct.

BARBANCINET.—Medium, tender, melting and juicy. Early Sept. Q.

BARRY.—Large, coarse grained, tender, juicy, sweet.

BEAU PRESENT D'ARTOIS.—Medium, juicy, half-melting. Sept. Q.

BELLE ANDIBERT.

BELLE DE BRISSAC.—(JONNONOT.) Medium, fine grained, tender, juicy sweet. Oct. Q.

BELLE ET BONNE D'ESPERIN.

BELLE EPINE DUMAS.—Large, fine grained, melting, juicy, Bergamot flavor. November to December. Q.

BELLE JULIE.—Large, coarse grained, juicy, vinous. Oct. Q.

BERGAMOT BUFFO.—Medium, coarse grained, very juicy, sugary sweet. Oct. Q.

BERGAMOT.—(Gansel's). Large, melting, very juicy, rich, sweet, and aromatic. Sept.

BERGAMOT DE MALINES.—Large, fine grained, moderately sweet and juicy. 1st October. Q.

BEURRE ANTOINETTE.—Medium, melting, juicy, very sweet, Bergamot flavor. 1st October.

BEURRE BIEMONT.—Medium, melting, juicy, sweet, slightly aromatic flavored. Oct. Q.

BEURRE D'ALBERT.—New.

BEURRE D'AMANLIS PANACHE.—Size and quality similar to Beurre d'Amanlis. September and October. Q.

BEURRE D'ANGLETERRE.—Medium, coarse grained, juicy, melting, sweet and acid blended. Oct. Q.

BEURRE DES MONCHOURES.—New.

BEURRE D'ESPERIN.

BEURRE DE FAIS.—Medium to large; fine grained, juicy, vinous, a little astringent. Nov. Q.

BEURRE DE MONTGERON.—Medium, melting, juicy, sugary sweet, agreeable flavor. Sept.

BEURRE DUVAL.—Small, firm, very juicy, sweet and melting, slightly astringent. Oct. Q.

BEURRE GENS.—Small, coarse grained, juicy, sweet, melting, a little astringent. Oct.

- BEURRE HAMECHER.—Medium, melting and sugary. Oct. to Nov.
- BEURRE HARDY.—Large, buttery, melting, juicy, brisk, vinous, and highly perfumed. Oct.
- BEURRE KOSSUTH.—Large, very juicy, melting, buttery, slightly vinous. September and October. Q.
- BEURRE MOIRE.—Medium to large, high flavored, melting, sweet and delicious. Sept. Q.
- BEURRE NANTAIS.—Large, melting, juicy, very sugary and perfumed. Sept. Q.
- BEURRE NOISETTE.—Large, buttery, juicy and aromatic.
- BEURRE SERING.
- BEURRE SPENCE.—Medium, juicy, melting, rich.
- BEURRE VAN MONS.
- BON CHRETIEN FONDANT.—Medium to large, juicy, tender, melting, gritty around core. Q.
- BOUVIERE BOURGMASER.
- BROWN BEURRE.—Medium to large, very juicy, melting, rich sub-acid. September to October. Q.
- BUTLER'S HARVEST.
- BURHMER.
- CABLE.—New. August.
- CATILLAC.—Large, flesh hard, fruit very handsome, good for stewing and baking. November to March. Q.
- CATINKA.—Medium, coarse grained, melting and juicy, vinous flavor. October to December. Q.
- CANTON.—Large, coarse grained, aromatic, not very juicy. Sept.
- CAPUCINE VAN MONS.
- CHANCELLOR.—Large, juicy, buttery, melting, rich, perfumed. October to November.
- CHARLOTTE DE BROWER.—Medium, melting, juicy, sugary, vinous, perfumed. Oct.
- CHURCH.—Small, buttery, juicy, rich, sweet, highly perfumed. Sept.
- COLLINS.—Medium, melting, juicy, sugary and brisk. Oct.
- COLMAR D'AREMBERG.—Large, coarse grained, good only for cooking. November.
- COLMAR DE SILLY.—Medium, sweet, excellent. Dec. Q.
- COMPTE DE FLANDERS.—Large, juicy, melting, rich, highly perfumed, sweet. Nov. Q.
- COMPTE DE LAMY.—Medium, fine grained, melting, high flavored, sugary. Oct. Q.
- COMPTE DE PARIS.—Medium, juicy, melting, saccharine, perfumed. October. Q.
- CRASSANE.—Medium, melting, juicy, very sweet, and fine flavored. October.
- DALLAS.—Medium, juicy, sweet, rich pleasant flavor. Oct.
- DANA'S MACE.—New.
- DANA'S No. 18.—Small, juicy, tender, sweet, high flavored. Nov.
- DE BAVAY.—Rather large, juicy, melting, with a brisk vinous flavor. Sept. and Oct. Q.
- DE CELERI.
- D'ESPERIN.
- DELICES DE HARDENPONT.—(Of Angers.) Medium, juicy, sugary, pleasant perfume. Oct. and Nov.

- DELICES DE HARDENPONT.—(Of Belgium.) Medium, juicy, melting, sweet, aromatic perfume. Nov. and Dec.
- DELICES DE LOUVENJOUL.—Medium, very melting, with a refreshing vinous juice. Oct. Q.
- DES CHASSEURS.—Medium, coarse grained, extremely juicy and melting. Oct. Q.
- DES DEUX SŒURS.
- DESIRE VAN MONS.—Large, very juicy, melting, and vinous flavor. October. Q.
- DE SORLUS.—Medium, half melting, pleasant flavor. Feb. Q.
- DOCTEUR BOUVIER.—Large, sufficiently juicy, melting, vinous. Feb. to March. Q.
- DOCTEUR TROUSSEAU.—Large, melting, buttery, perfumed sugary juice. Oct. to Nov.
- DOYENNE BLANCHE PANACHE.—Much like Doyenne White, striped, excellent. Oct. Q.
- DOYENNE SAUMUR.—Small, very juicy, and high flavor. Aug. and Sept. Q.
- DOYENNE DOWNING.—Medium, crisp, juicy, sugary, and vinous. Sept. Q.
- DOYENNE DE FAIS.—Large, fine grained, melting, rich, and delicious. Nov. Q.
- DOYENNE GOBALT.—Large, melting, juicy, sweet. Q.
- DUCHESS DE BERRI.—Medium, juicy, melting, with a vinous flavor. Aug. Q.
- DUCHESS DE BORDEAUX.
- DUCHESS PANACHE.—Size and character of Duchess d'Angouleme. Nov. Q.
- DUNMORE.—Medium, melting, with a rich flavor, astringent, rots at core.
- ESPERIN.—Medium, melting, juicy, sweet, with Bergamot flavor. October.
- FERDINAND DE MEESTER.—New.
- FONDANTE DE MALINES.—Medium, sweet, melting, and juicy, perfumed. October and November. Q.
- FORELLE, OR TROUT PEAR.—Medium, rich and melting. Nov. Q.
- FORTUNICE.—Small, juicy, and high flavored. December to March.
- FREDERICK OF WURTEMBERG.—Medium to large, melting, juicy, and sweet. Sept. Q.
- FREDERIKA BREMER.—Medium, melting, sweet, vinous, perfumed. October.
- GENERAL CHANGARNIER.
- GRATIOLI DE JERSEY.—Medium, sugary, sweet, melting. Oct. Q.
- GRAIN DE CORAIL.
- GRIS D'AMBOIS.—New.
- GROSSE VERTE LONGUE PRECOCE.—Medium to large, sweet, melting. Sept. (Dauvesse.)
- GROSSE LUCAS.
- HAMON.—Above medium, very juicy, melting, sweet, and acid mingled. Oct.
- HANNAS.
- HENRI CAPRON.—Above medium, sweet, juicy, and astringent. October. Q.
- HENRIETTA.—(Edward's.) Above medium, scarcely juicy, sweet, and melting. Sept. Q.

- HOVEY.—Large medium. Dec.
- HUNTINGTON.—Medium, very juicy, melting, buttery, sweet vinous flavor. Sept.
- JALOUSIE DE FONTENAY.—Medium, melting, rich flavored. Oct.
- JEAN DE WITTE.—Medium, juicy, melting, sweet and rich. Dec.
- JONES.—Medium; said to be of fine quality. Oct.
- LA JUIVE.—Medium, melting, sugary, juicy, with pleasant perfume. November.
- LAURE DE GLYMES.—Medium, sweet. Oct.
- LEWIS.—Medium, coarse grained, juicy, and rich flavor. November to February.
- LIBERALE.—Large, melting, juicy, and sweet; excellent.
- LODGE.—Medium, juicy, and melting, with a rich flavor. September and October.
- LOUISE DE PRUSSE.—Medium; fine grained, very juicy, and melting, moderately sweet. Sept.
- MADAME ELIZA.—Large, sweet, melting and perfumed. Nov. Q.
- MERRIAM.—Large, coarse grained, melting and juicy. September and October.
- MUSCADINE.—Medium, buttery and melting; musky flavor, rich. September.
- NEUF MAISON.—Medium, coarse grained, refreshing juice. Oct. Q.
- NOUVEAU POITEAU.—Large, juicy, and melting, sugary, vinous, and refreshing. Nov. Q.
- OMER PACHA.—Rather large, melting, tender, very juicy, and sweet, perfumed flavor. September and October. Q.
- ONTARIO.—Medium, juicy, with a sweet, pleasant flavor. September and October. Q.
- OSWEGO INCOMPARABLE.—Medium. Oct.
- PARSONAGE.—Medium, a little coarse grained, very juicy, refreshing vinous flavor. Sept.
- PETRE.—Medium, fine grained, buttery, very melting, a little musky, high flavored. Oct.
- PHILIPPE DELFOSSE.—Medium, fine grained, and juicy, buttery, and sweet. December and January.
- PIUS IX.—Large, juicy, buttery and sweet, perfumed. Sept. Q.
- POCAHONTAS.—Medium, melting, juicy, buttery, musky, sweet, and rich. Oct.
- POIRE PECHE.—Medium, juicy, melting, sugary, and vinous; sometimes a little astringent. Aug.
- PREVOST.—Medium, fine grained, juicy, buttery, and sweet. December to April. Q.
- PRINCESS CHARLOTTE BRABANT.—New.
- PROFESSEUR DUBREUIL.—Above medium, melting, juicy. September. Q.
- RETOUR DE ROME.—Medium, coarse, granular, juicy, with rich vinous flavor. Sept. Q.
- SABINE VAN MONS. Oct. Q.
- SERRURIERS.—Medium, coarse grained, full of rich acidulous juice. Oct.
- SCHENCK'S AUGUST.
- SHEPPARD.—Large, coarse and granular, buttery, melting, very juicy and vinous. Oct.
- ST. ANDRE.—Above medium, fine grained, buttery, juicy, sprightly, perfumed flavor. Sept. Q.

- STEINMELT'S CATHARINE.—Large, coarse grained, sweet, with a slight Bergamot flavor. Oct. Q.
- STERLING.—Medium, coarse grained, melting, moderately juicy, sweet. Sept.
- ST. GHISSLAIN.—Medium, buttery, juicy, with a Seckel flavor. 1st of October.
- SUMMER FRANC REAL.—Medium, fine grained, sugary, and buttery. September. Q.
- SUZETTE DE BAVAY.—Small, melting, somewhat perfumed, vinous. January to March. Q.
- TRIOMPHE DE LA POMOLOGIE.—Small, coarse grained, sweet, juicy. Nov. Q.
- TRIOMPHE DE JODOIGNE.—Very large, juicy, melting, buttery, sweet. November to December. Q.
- UYEDALE'S ST. GERMAIN.—Very large, superior baking, and stewing fruit. January to April. Q.
- VAN ASSENE.—Large, buttery, melting, very rich, juicy, and delicious. Oct. Q.
- VAUQUELIN.—Large, a little coarse, juicy, rich, sub-acid, perfumed. November to March.
- VERMONT SEEDLING.—Medium; much like the Washington in appearance and quality. Sept.
- VEZOUZIERE.—Medium, very juicy, melting, and sweet. Sept. Q.
- WALKER.—Large, buttery, rich, with almond flavor. September to December.
- WESCOT.—Medium, juicy, coarse, granular, sweet, and agreeable. September and October.
- WILFRED.—New.
- ZEPHIRIN GREGOIRE.—Small, melting, buttery, and juicy. November to February. Q.
- ZOAR BEAUTY.—Small, a little coarse grained, juicy, and sweet. August.

CHERRIES.

The Cherry likes a dry soil, and not over rich. A sandy or gravelly loam is good. In this latitude we consider low heads much better than high, on account of the liability of the trunk of the tree when bare of limbs to crack. Trees worked on Mahaleb stock, *i. e.* Dwarfs, we regard as in almost all cases preferable. Many of the finer kinds, being rapid growers, and highly beautiful in their forms, are often obtained for shade and ornament, as well as for their refreshing fruit. Persons desiring them for this double purpose, will be advised by us cheerfully as to the selection of kinds most appropriate.

Heart and Bigarreau Cherries.

Heart Cherries are distinguished by the fruit being heart shaped, with sweet tender flesh; tree of a rapid, upright growth and large drooping foliage; the Bigarraus, by the firm flesh of the fruit, and spreading habit of the tree. Those with a * prefixed are names of Bigarreau sorts.

- BELLE D'ORLEANS.**—Medium size, pale red and white; very juicy, tender and delicious. Good grower and productive. Ripens about the middle of June.
- BLACK EAGLE.**—Large, black, tender, juicy, rich and high flavored. Vigorous grower, and productive. 1st. to 15th July.
- BLACK TARTARIAN.**—Very large, purplish black; half tender, juicy, rich, and delicious. Vigorous grower and very productive. Tree very tender. Last of June into July.
- *BIGARREAU, OR YELLOW SPANISH.**—Large, pale yellow, with red cheek; firm, juicy, and excellent; one of the best and handsomest of light colored Cherries. Vigorous and productive. End of June.
- *BUTNER'S YELLOW.**—Medium, pale yellow; firm, crisp, sweet and good. Vigorous and productive. Last of June.
- *CLEVELAND BIGARREAU.**—(Dr. Kirtland.) Large, amber colored, sweet, rich and juicy. Last of June.
- DAVENPORT'S EARLY.**—Above medium, dark purplish black, flesh tender, juicy and pleasant. Ripens a little before May Duke.
- DOWNER'S LATE RED.**—Large, light red, tender, juicy, and delicious. Vigorous and productive. Middle of July.
- EARLY PURPLE GUIGNE.**—Rather small, purple, tender, juicy and sweet. Growth spreading. Middle of June.
- ELLIOTT'S FAVORITE.**—(Dr. Kirtland.) Small to medium, pale yellow, with a light red cheek, somewhat marbled. Flesh tender, juicy, sweet, and delicate flavored. Last of June.
- ELTON.**—Large, pale yellow in the shade, nearly covered next the sun with light red; half tender, juicy, rich and sweet. Growth vigorous. Last of June.
- X **GOVERNOR WOOD.**—(Dr. Kirtland.) Large, light yellow with a red cheek; tender, sweet, rich, juicy and delicious; one of the best. Last of June.
- *GREAT BIGARREAU.**—Very large, almost black; firm and juicy. Middle of July.
- *HOLLAND BIGARREAU.**—Very large, whitish with red spots; firm, sweet and fine. End of June.
- KIRTLAND'S MARY.**—(Dr. Kirtland.) Very large, yellow and white, blushed with red; delicate and lively flavor.
- *LATE BIGARREAU.**—(Dr. Kirtland.) Resembles Yellow Spanish in form, color and flavor; more hardy, and less liable to premature decay; ripens two weeks later, and among the last of the sweet Cherries.
- *MEZEL BIGARREAU.**—Extra large and fine; dark purple, flesh reddish purple, firm. Middle of July.
- *NAPOLEON BIGARREAU.**—Very large, pale yellow and deep red; very firm with a fine flavor, juicy and sweet. Vigorous grower, and very productive; a favorite. Beginning of July.
- RED JACKET.**—(Dr. Kirtland.) Above medium, red, tender, juicy, lively flavor. Ripens middle of July.
- *ROCKPORT BIGARREAU.**—(Dr. Kirtland.) Large, pale amber, with clear red; firm, juicy, sweet and rich, with an excellent flavor. Vigorous grower; rather early in ripening.
- *WENDELL'S MOTTLED BIGARREAU.**—Medium, dark red, quite mottled; firm, crisp and high flavored. Growth upright; rather late.

Duke and Morello Cherries.

These Cherries differ from the Heart and Bigarreau sorts, both in habit of tree, and quality of fruit; the tree being of slower growth, with erect, thicker, and deeper colored foliage. The Dukes have stout,

erect branches, with bright or dark red fruit. Many of the varieties are sweet and pleasant for dessert, while the Morellos are invariably acid, and more used for culinary purposes; the tree being of slender habit, with spreading branches. These two classes are peculiarly adapted for Dwarfs and Pyramids on the Mahaleb stock; their hardiness makes them indispensable in localities where the Hearts and Bigarreaus fail in consequence of severities of climate.

- X **BELLE DE CHOISEY**.—Medium, pale amber, mottled with red; very tender, juicy, melting, sweet, and rich. Last of June.
- BELLE MAGNIFIQUE**.—Large, red, rather acid, tender, and juicy. Slow grower and fine bearer. Last of July.
- CARNATION**.—Large, light red, mottled with orange; finer than most of this class; tender, juicy, and excellent. From middle to last of July.
- DE PLANCHOURY**.—Large, dark red, half tender, juicy, and delicious. Last of July.
- DUCHESS DE PALUAU**.—Large, almost black, tender, sweet and juicy. June. This and the preceding have fruited with us, and we find them, as they are recommended to be, "among the finest and most worthy of cultivation."
- EARLY RICHMOND, KENTISH, OR MONTMORENCY**.—An early, acid, red cherry; fine for culinary purposes. June.
- JEFFREY'S DUKE**.—Medium, lively red, tender, rich, and juicy, with fine flavor. Middle of June.
- KIRTLAND'S LARGE MORELLO**.—Large, roundish, dark red, juicy, with a rich acid flavor, very small pit. Middle to last of July.
- LATE DUKE**.—Large, light red, quite late and fine. Last of July.
- MAY DUKE**.—Large, dark red; very juicy, and melting. Vigorous and productive. Middle of June.
- OCTOBER MORELLO**.—(Butner's.) Medium, light red, very acid. Valued for its lateness; often hanging on into October.
- PLUMSTONE MORELLO**.—Large, deep dark red, rich and fine; one of the best Morellos. July and August.
- REINE HORTENSE, OR MONSTREUSE DE BAVAY**.—Very fine; large bright red, tender, juicy and delicious. Vigorous and productive.
- RUMSEY'S LATE**.—Light red, juicy and very acid. Very late.
- SHANNON**.—(Dr. Kirtland.) Medium, dark red, tender, juicy and acid; very productive. End of July.

Additional List of Cherries.

The following list embraces sorts cultivated by us to a very limited extent; many of them lacking character sufficient to place them in our described list, while others are too tender for general cultivation:

Bauman's May,
Black Hawk,
Brant,
Burr's Seedling,
Delicate,
Downton,
Early White Heart,
Elkhorn,
Hoadley,

Knight's Early Black,
Leatherstocking,
Logan,
Lookno further,
Osceola,
Pontiac,
Powell's Black,
Powbattan,
Presidant,

Additional List of Cherries—Continued.

Hovey,
Jocossot,
Kennicott,
Kirtland's Mammoth,

Smith's Black,
Sparhawk's Honey,
Tecumseh.

Flowering Cherries.

See No. 2.—Descriptive Catalogue of Ornamental Department.

PLUMS.

The great enemy of the Plum is the Curculio. His ravages for a number of the past years have been so universal and unsparing that many have been led to give up thought of planting this tree any more, deeming the chance for fruit too slender to justify the outlay. The best method we know of for making successful resistance to these attacks is the following described, and this we know to be *sure*. Very soon after the fruit-blossoms begin to fall, spread in the early morning a large sheet on the ground under the tree. Then jar the tree strongly with the hand or a mallet. This will bring down the invader, and also the young fruit he has commenced to work in. The contents of your sheet must be carefully destroyed. This process repeated daily for a week or ten days at the time we have specified, will rid your trees of the pest, and unless other causes intervene to prevent, will insure you a good crop of fruit.

BLEECKER'S GAGE.—Above medium, yellow, juicy, rich and luscious. Fair grower and productive. Last of August.

COE'S GOLDEN CROP.—Large and handsome, light yellow, firm, rich and sweet. Fair grower and quite productive. Last of September.

COE'S PURPLE DROP.—Large, shape like the Golden Drop; the best of its season. Early in October. New.

COLUMBIA.—Large, dark purple, moderately juicy and rich. Vigorous and productive, but is apt to rot on the tree. Sept.

DENNISON'S RED.—Large, light red, rich and good. Vigorous and produces well. Last of August.

DUANE'S PURPLE.—Large, reddish purple, juicy, moderately sweet. Good grower and productive. Sept.

EARLY SCARLET OR CHERRY.—Small, red, juicy, soft, sub acid, and melting. End of July.

GENERAL HAND.—One of the largest of the native varieties, pale yellow, juicy, sweet and good. A sure bearer and of high reputation. Beginning of September.

GERMAN PRUNE.—Large, oval, dark purple, juicy, rich, sweet and good. Very productive. Sept.

GHRISTON'S EARLY.—Medium to large, yellow, handsome and of fair quality. Early in September.

GREEN GAGE.—Small; standard of excellence. Slow grower. Last of August.

HUDSON.—Medium, yellow shaded with green; juicy, melting, rich and excellent. Ripens three weeks before Imperial Gage.

- HULING'S SUPERB.**—Very large, yellowish green, firm, rich, brisk and excellent. Good grower and moderate bearer. Tree very tender. Middle to last of August.
- IMPERIAL GAGE.**—(Prince's Imperial Gage.) Large, greenish yellow; juicy, melting and rich. Fine grower and great bearer. 15th of Aug.
- JEFFERSON.**—Large, yellow, faintly reddened in the sun; juicy, rich and luscious; one of the most valuable. End of August.
- LAFAYETTE.**—(Gifford's.) Medium, long, oval, purple, with bloom; flesh a little coarse, juicy. End of August.
- LAWRENCE'S FAVORITE.**—Large, yellowish green, melting, juicy, rich and excellent. Vigorous and productive. Aug.
- LOMBARD, OR BLEECKER'S SCARLET.**—Medium, violet red, not rich, but juicy, pleasant and of fair quality. A good bearer. End of Aug.
- LONG SCARLET, OR SCARLET GAGE.**—Medium, bright red, juicy and sweet. Fair grower and bearer. Last of August.
- MAGNUM BONUM, RED.**—Large, violet red; fine for culinary purposes. Vigorous and productive. End of August.
- MAGNUM BONUM, YELLOW.**—Large, yellow, same as the preceding. End of August.
- MARTIN'S SEEDLING.**—Large, roundish, yellowish green, sweet, and rich; first quality. Sept.
- MCLAUGHLIN.**—Large, yellowish, tinged with red; firm, juicy, sweet and luscious. Vigorous grower. Last of August.
- MEDITERRANEAN.**—Beautiful scarlet, sweet and excellent. Latter part of August.
- MONROE.**—Medium, skin yellow, with a light blush cheek. Flesh greenish yellow, melting, rich and sugary. Very productive. Early in September.
- ORANGE.**—Large, yellow, rather coarse, but sweet and good; one of the largest Plums. Vigorous and productive. 1st of October.
- ORLEANS, SMITH'S.**—Large, reddish purple, firm, juicy and rich. Vigorous and productive. Latter part of August.
- PEACH.**—Large, salmon to light red, rather coarse, but sprightly and juicy; much esteemed for large size and handsome appearance.—Ripens about the 20th of August.
- PURPLE FAVORITE.**—Medium, brownish purple; juicy, tender, melting, sweet and excellent; one of the best. Growth slow. Last of August and 1st of September.
- RED GAGE.**—Medium, brownish red, juicy, melting, rich, mild and sweet; unusually pleasant and refreshing. Latter part of August.
- REINE CLAUDE DE BAVAY.**—Large, greenish yellow spotted with red; firm, juicy, sugary, rich and of fine quality. Very productive; resembles Washington in growth, but the leaves and shoots are smaller. Hangs long on the tree. Sept.
- ROYAL DE TOURS.**—Large, reddish violet, with a blue bloom; firm, juicy, rich and high flavored. Quite early and valuable on this account particularly.
- SCHENECTADY CATHARINE.**—Nearly medium, purplish violet, melting, sweet, rich and excellent. First of September.
- WASHINGTON.**—Large, green, somewhat reddish; juicy, sweet and fine. Vigorous in growth, and very productive. Liable to rot on the tree. August.
- YELLOW GAGE, PRINCE'S.**—Medium, golden yellow, rich, sugary and melting. End of August.

PEACHES.

The Peach in this country is almost universally grown upon its own stock. We have, however, for some years worked it successfully upon the Plum Stock. This renders the tree hardier, by restraining somewhat its natural luxuriance of growth, secures it from the attack of the borer, and gives it a *more compact and dwarfish habit*. On the Plum Stock it likes particularly a strong retentive soil. The heads should be kept low in all cases, whether on Peach or the Plum Stock. A disease called the *Yellows*, from the sickly appearance which it imparts to the leaf, is the only one to which the Peach is liable; but it is fortunately not known in the interior of the State. This fact should be borne in mind by those wishing to make plantations. No remedy is known but to remove the tree root and branch, and cast it into the fire. This should be done promptly, or its contagious nature will infect the whole orchard. The *Peach borer* is the only insect whose attacks are formidable. Its presence may be discovered by its castings, or by the exuding of the gum from the wound, when a little cutting with a knife will expose it to sight. Search should be made in Autumn or Spring, the Spring being better, with a view to its destruction. An almost certain protection against its attacks may be had by heaping two or three quarts of *air-slaked lime* about the body of the tree in the month of May, first removing the earth a little from the surface.

ALBERGE YELLOW, OR BERNARD'S YELLOW.—Large, fine, yellow, juicy and rich, with red cheek. Vigorous and productive. 1st Sept.

ALBERT GALLATIN.—Above medium, skin white with red cheek, very thin, very little down; flesh, white, juicy, sweet and tender. Best of Nutmeg Peaches. Middle of August.

BERGEN'S YELLOW.—Large, orange with deep red cheek, juicy and high flavored. Vigorous and productive; one of the best. Sept.

BLOOD CLING.—Medium to large, skin downy, dark red, fine and juicy. Esteemed for pickling and preserving. September to October.

BREVOORT, OR BREVOORT'S MORRIS.—Large, pale straw color with a red cheek; very sweet, with a fine flavor. Fair bearer. Sept.

COLE'S EARLY RED.—Medium, red mottled, juicy, rich, with a pleasant flavor. Vigorous grower and good bearer. Aug.

COOLEGE'S FAVORITE.—Above medium and nearly white, with red dots, and brilliant scarlet cheek; very melting and juicy, with a rich flavor. Middle of Aug.

CRAWFORD'S MELOCOTON.—Large, yellow, very juicy, rich, beautiful and magnificent; ranks high. Vigorous and productive; very popular. Early in Sept.

CRAWFORD'S LATE MELOCOTON, OR CRAWFORD'S SUPERB.—Very large, yellow, rich, juicy and vinous. Very productive; ranks among the finest as a late variety. Last of September.

DRUID HILL.—Large, greenish white, clouded with red; very juicy and rich, with a high vinous flavor. 1st of Oct.

EARLY PURPLE.—See Early York.

EARLY TILLOTSON.—Medium, white ground, deep red in the sun; rich and high flavored. Middle of Aug.

EARLY YORK, SERRATE EARLY YORK.—Medium to large, greenish white, dotted with red; rich, tender, and full of juice. Good grower and bearer; one of the best. About 15th of Aug.

- FAY'S EARLY ANN.**—Small, light colored, and good quality, productive. Middle of Aug.
- GEORGE IV.**—Large, nearly white, with a red cheek; melting, juicy, rich and excellent. Crops moderate, one cause of its excellence. Last of Aug.
- GROSSE MIGNONNE, OR ROYAL KENSINGTON**—Large, white, with a pale red cheek, juicy, with a very rich, high vinous flavor. Good grower and bearer. Latter part of Aug.
- HAINES' EARLY RED.**—Large, white, with red cheek, juicy, and delicious, very productive; considered among the best. Middle of Aug.
- HEATH CLING.**—Very large, yellowish white, red next the sun, exceedingly juicy, becoming melting, with a high, rich, vinous flavor; does not succeed well too far North. Middle of Oct.
- HILL'S CHILI.**—Medium to large, oblong, skin downy; yellow, flesh yellow, rich and sweet. Very productive. End of Oct.
- HONEST JOHN.**—Above medium, nearly round, whitish, with a rich red cheek, fine grained, very juicy, mild, rich, and excellent. Last of Aug.
- JACQUES' RARE RIPE.**—Very large, deep yellow, shaded with red; has a high reputation. Last of Aug.
- LA GRANGE.**—Large, greenish white, red cheek, juicy, rich and sweet, with a fine flavor; does not do well too far North. Oct. 1st.
- LARGE EARLY YORK.**—Large, nearly white, with a deep red cheek, fine grained, very juicy, mild and rich. Vigorous and productive; one of the best. Last of Aug.
- LARGE WHITE CLING.**—Large, greenish white with a red cheek; very juicy, sweet, rich and high flavored. Productive, and much esteemed. Middle of Sept.
- LEMON CLING.**—Large, lemon shaped, yellow, with a brownish red cheek, rich, vinous and sub-acid. Productive. Last of Sept.
- MALTA.**—Large, dull green, with light cheek; flesh melting and rich. 1st Sept.
- MONTAGUE.**—Medium, roundish, skin greenish-white, with light red cheek; flesh white, melting, juicy, delicate and high flavored. Last of Aug.
- MORRIS WHITE.**—Medium, straw-color, tinged with red, flesh white, juicy and delicious. Good bearer and desirable. Middle of Sept.
- OLD MIXON FREE.**—Large, pale yellowish white, with deep red cheek; tender, rich, and excellent. Succeeds well in all localities, and has few equals in the North. 1st to 18th of Sept.
- POOLE'S LARGE YELLOW.**—Large, yellow with dark red cheek; flesh yellow, a little red at the stone, rich and juicy. End of Sept.
- ROYAL GEORGE.**—Medium to large, white, with a fine red cheek, juicy and rich. Moderate bearer. Last of Aug.
- SCOTT'S NONPAREIL.**—Large, yellow, with red cheek, yellow flesh, red at the stone; juicy, sweet, excellent. Last of Sept.
- SMOCK FREE.**—Large, light orange yellow, with red cheek; flesh, yellow, red at stone, juicy, rich. September to October.
- SNOW PEACH.**—Medium, creamy white, both skin and flesh; juicy, sweet, and rich. Very desirable for preserving. Tree very hardy.—First of Sept.
- STUMP THE WORLD.**—Very large; creamy white, with a bright red cheek; flesh white; juicy and high flavored. Last of Sept.
- TETON DE VENUS.**—(Late Admirable.) Large, skin pale yellowish green, with pale red cheek; flesh greenish white, red at the stone, very juicy, melting and delicate; exquisite flavor. Middle of Sept.
- WALTER'S EARLY.**—Large, skin white, with a rich red cheek; flesh whitish, melting, juicy and sweet. Middle of Aug.

WHITE IMPERIAL.—Large, yellowish white, with light purple next the sun; very juicy, delicate, sweet and excellent. Good bearer and valuable at the North. Last of Aug.

YELLOW MELOCOTON.—(Red Cheek.) Large, yellow with deep red cheek; flesh deep yellow, red at the stone, melting, juicy and rich. 1st of Sept.

APRICOTS.

The Apricot is a most beautiful and delicious fruit, ripening just before the Plum. It is highly ornamental, both in the spring, with its luxuriance of early blossoms, and in the summer, with its load of golden fruit. It is hardier when grown upon the Plum Stock. For the Curculio, see the Plum.

BREDA.—Small, dull orange, marked with red, juicy, rich, and vinous. Good bearer, and hardy. 1st of Aug.

EARLY GOLDEN.—(Dubois's.) Small, pale orange, juicy and sweet.—Hardy and productive; fine orchard variety. First week in July.

HEMSKIRKE.—Large, orange with a red cheek; rich, juicy and sprightly; resembles Moorpark, somewhat smaller, but earlier.

LARGE EARLY.—Large, orange with a red cheek, sweet, delicious, and excellent. Vigorous and productive. 1st of August.

MOORPARK.—One of the largest; orange, with a brownish red cheek, firm, quite juicy, with a rich high flavor. Very productive. Aug.

PURPLE, OR BLACK APRICOT.—Small, or medium, pale red, deep purple in the sun, or nearly black; sweet with a pleasant, good flavor, distinct from the other varieties; remarkably hardy and adapted to the North. Ripens in August with the Breda.

NECTARINES.

The Nectarine resembles the Peach strongly in quality, but has the skin and much the appearance of the Plum. It is a very beautiful fruit. The cultivation and management of the tree is the same as that for the Peach. The tree should be shortened in annually. It is exposed to the attacks of the Curculio, for the treatment of which see on the Plum.

BAKER'S SEEDLING.—Large and fine, one of the best. About 1st of September.

BOSTON.—Large, bright yellow with a red cheek; sweet and pleasant. 1st of September.

EARLY NEWINGTON.—Large, pale green, red in the sun; juicy and rich, with a fine flavor. 1st of September.

VIOLET HATIVE.—Rather large, skin pale yellowish green, purplish red on sunny side; flesh whitish, a little red at the stone, melting, juicy, high flavored. Last of August.

ELRUGE.—Medium, pale yellow with a dark red cheek; juicy and high flavored. Much esteemed. 1st of September.

HUNT'S TAWNEY.—Medium, yellow, with a red cheek; rich, juicy and good. Valuable on account of its earliness. 1st of August.

NEW WHITE.—Rather large, white with a tinge of red; tender, juicy, rich, vinous. 1st of September.

RED ROMAN.—Large, greenish yellow with a dark reddish cheek; firm, rich, vinous, and high flavored. 1st of September.

STANWICK.—Resembling in size and shape the Elruge; pale with a violet tinge next the sun; exceedingly tender, juicy, rich and sugary. In form and appearance surpasses all others. 1st of September.

QUINCES.

ANGERS.—Large, a little elongated; skin greenish yellow. Very fragrant, fine for preserves. Also used for stocks to work the Pear on. December to February.

APPLE OR ORANGE.—Large, and roundish, bright golden yellow. Very productive, cultivated for its fruit. Ripe in October.

CHINESE AND JAPAN QUINCES.—(See Ornamental Catalogue.)

PARIS OR FONTENAY.—Used for stocks to work the Pear on.

GRAPES.

Hardy Native Sorts.

To do well the Grape requires a deep, dry, not very rich soil, a warm place, and free exposure to sun and air. The vines should be pruned in the fall, taken down, laid on the ground and covered slightly with earth. This covering protects them against injury from the severity of winter, which all varieties in exposed localities, are to a greater or less extent liable to.

ALLEN'S HYBRID.—Described as being of medium size, light amber, sweet and delicious; resembling very much the Chasselas in character. Very vigorous, prolific, hardy, ripening earlier than the Isabella. Price, \$1 to \$1.50.

ANNA.—White, sweet, rich, vinous and spicy; resembles the Catawba in size and character, ripening a little earlier than the Isabella. Hardy, good grower and prolific bearer. Price, \$1.

BALDWIN.—(YORK MADEIRA.)—Small, dark colored Grape, juicy, sweet, rich and vinous, of a peculiar flavor. Very productive and hardy, ripening some twelve days earlier than Isabella. Said to be excellent for wine.

CATAWBA.—Large berries and medium bunches, pale red, flesh juicy, sweet, rich, with musky flavor, productive. Fine for wine and dessert. Requires warm soil and favored situation for it to ripen, being from six to twelve days later than Isabella.

CLINTON.—Bunches small and compact; berries small, round, black, and juicy; makes a beautiful wine. Very hardy and productive. Ripe from two to three weeks earlier than Isabella.

CONCORD.—Very large bunches and berries; black, with a beautiful bloom, moderately juicy, very sweet, hardy and productive. Rampant grower. Ripe two weeks earlier than Isabella.

CREVELING.—Medium, round, black, very juicy and sweet. Ripe two to three weeks before Isabella. Price, \$1.

CUYAHOGA.—(A new Grape from Cleveland, O.) Bunches and berries about the size of the Diana, white or amber colored; sweet and delicious. Ripening with the Diana. Not fully tested by us. Price, \$1 to \$1.50.

DELAWARE.—Bunches and berries small; flesh colored, exceedingly sweet, but sprightly, vinous and aromatic; strong grower in the vineyard. Profuse bearer. Ripe three weeks earlier than the Isabella. Stands at the head of Grapes. Price, \$1.

DIANA.—Bunches and berries medium to large; very compact, pale red color, juicy, sweet, and very rich. Vigorous grower, hardy, and very productive. In good eating condition sometime before the Isabella. In quality second to none except the Delaware. Price, 50 cts to \$1.

HARTFORD PROLIFIC.—Large bunch and berry; black, sweet, moderately juicy, pulp a little tough and acid; berries liable to drop while the vine is young. Strong, vigorous grower; productive. Ripe ten days before Isabella. A valuable Grape. Price 50 cts. to 75 cts.

ISABELLA.—Large bunches and berries, not very compact; very dark purple, tender, sweet and juicy. An old Standard sort. Ripe from middle to last of September.

LABE.—Large bunch and berry, black; productive. Said to be first rate. Price, 75 cts to \$1.

LOGAN.—Medium to large, dark purple, rather compact bunches. Very hardy, vigorous and productive; very early. Price, 75 cts. to \$1.

LINCOLN.—Highly esteemed in the South; said to be excellent. Not tested by us. Price, \$1.

LOUISA.—Said to be similar to the Isabella. Not tested by us.

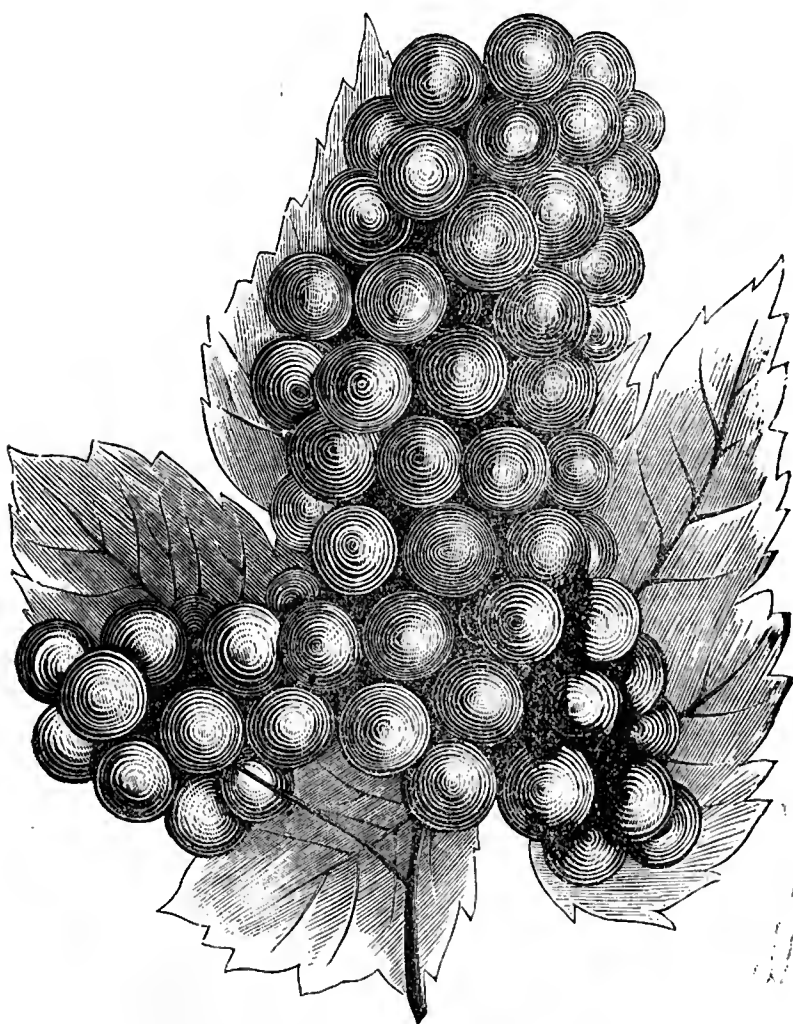
NORTHERN MUSCADINE.—Bunches small to medium, berries large, dark amber to brownish red; little pulp, very sweet and juicy, with a musky aroma; very hardy, vigorous and productive; ripe three weeks sooner than Isabella; young vines drop the berries when fully ripe, but as they become older, reaching, say the fifth or sixth year, they hold the fruit well.

ONTARIO.—Native of Canada; bunches very large and compact, berries large, black, mild and sweet; hardy, vigorous grower, prolific bearer; ripe ten to fifteen days earlier than Isabella. Price, 75 cts. to \$1.

REBECCA.—Cluster small and compact, berries small to medium, white, very thin skin, juicy and sweet, with the delicate agreeable flavor of Golden Chasselas; very delicate grower, subject to mildew; ripening from middle to last of September. Price 75 cts. to \$1.

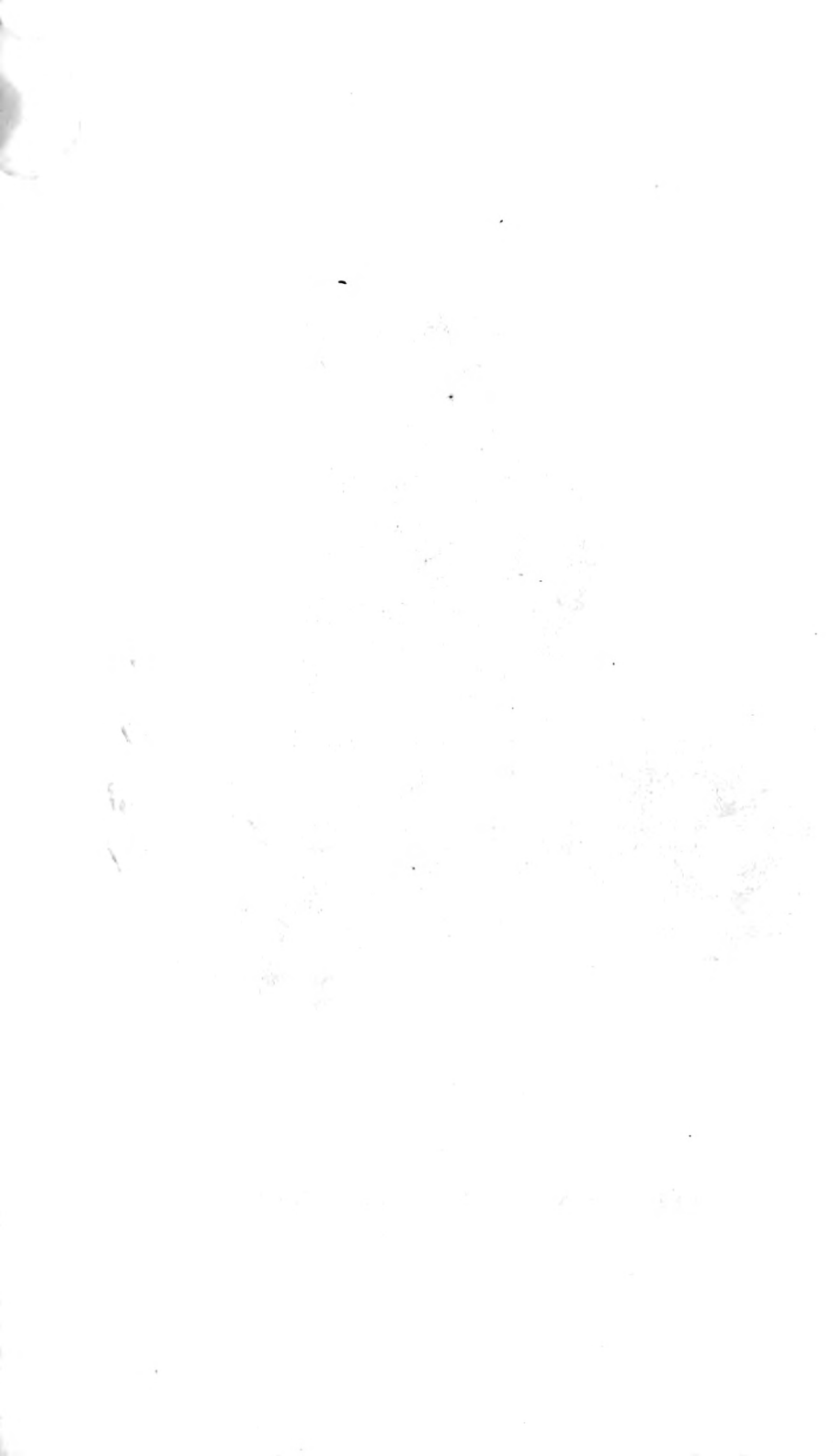
RODGERS' HYBRIDS.—Nos. 1, 3, 4, 5, 14, 15, 19, 30, 43 and 44. Price, 75 cts. to \$1 each.

No. 4, Described as dark purple, clusters large, with shoulders; berries large, flesh tender, with sweet, rich flavor. Early.



DELAWARE GRAPE.

[For description, see opposite page.]



No. 15, Light amber colored, bunch medium size, shouldered; berries large, thin skin, tender flesh, rich aromatic flavor; vine vigorous and productive. Ripens with Diana.

No. 19, Black, covered with a thick bloom. Large clusters and berries; moderately sweet. Said to be superior to Concord.

TAYLOR.—Described as medium size, white, bunch compact; juicy, very sweet, fine flavored, thin skin; strong grower, great bearer. Ripens 1st Sept. Not tested by us. Price, 50 cts. to \$1.

TO KALON.—Clusters large, berries large, dark blue or black, with a beautiful bloom; very sweet, with a very delicate aroma; very little or no pulp; ripe ten days sooner than Isabella, and said to be its superior. Price, 75 cts. to \$1.

Select Foreign Grapes.

BARBAROSSA.—Bunches and berries large, very dark red. A most desirable grape.

BLACK FRANKENTHAL.—Produces abundantly. One of the handsomest and best of grapes.

BLACK HAMBURGH.—A general favorite, bunches large and shouldered; berries large, black and delicious.

BLACK PRINCE.—Large, black; bunches long, berries sweet. A great bearer.

BLACK ST. PETERS.—Bunches good size; berries large, sweet, delicate and excellent.

BOWOOD MUSCAT.—Large bunches, shouldered, berries very large; flesh fine, juicy with a rich, sugary Muscat flavor. Abundant bearer.

CHASSELAS DE FONTAINBLEAU.—One of the most esteemed in France; bunches large, berries large, greenish white and a little reddened. Very productive.

EARLY WHITE MALVASIA.—Bunches large, berries round, yellowish white, sweet, juicy and agreeable.

GOLDEN CHASSELAS.—This is supposed to be the same as Chasselas de Fontainbleau.

GOLDEN HAMBURGH.—Large, loose shouldered bunches, large berries, skin pale greenish yellow, thin and tender; flesh delicate and melting, very juicy, rich, sugary, and vinous.

GRISLY FRONTIGNAN.—This is one of the most delicious and beautiful of Grapes; bunches long, berries medium, pale brown blending with red and yellow; juicy, rich and high flavored.

ISCHIA.—Bunches and berries small and very dark. Desirable because the earliest to ripen.

LADY DOWNES.—Represented as one of the finest black Grapes.

MUSCAT HATIVE.—(Early Muscat.) Bunches and berries medium, white, early and excellent.

MUSCAT MADEIRA.—Berries large, round, reddish purple, juicy, with a rich Frontignan flavor. Ripens just before the Black Hamburg.

MACREADY'S EARLY WHITE.—Medium, thin skin, very juicy, fine flavor, hardy and productive.

PITMASTON'S WHITE CLUSTER.—Bunches medium, compact; berries medium, round, yellowish or amber, tender, juicy, sweet and excellent.

- PURPLE FONTAINBLEAU.**—Bunches medium, berry light purple, juicy and excellent. A good bearer.
- RED CHASSELAS.**—Bunches large, loose, berries medium, light red; handsome and excellent.
- ROYAL MUSCADINE.**—Bunches large, berries large, white turning to amber; tender, with a rich and delicious flavor.
- WHITE FRONTIGNAN.**—Later than the Grisly Frontignan; bunches large, berries green changing to amber; rich and musky.
- WHITE SWEETWATER.**—Bunches fair size, berries green, sweet, watery and pleasant.
- WHITE MUSCAT OF ALEXANDRIA.**—Bunches large, fruit long, yellowish white; handsome and delicious.
- WHITE SYRIAN.**—Bunches very large; berries large, oval, amber colored, firm, juicy and sweet.
- WILMOT'S NEW BLACK HAMBURGH.**—Similar to Black Hamburg, but fruit larger.

SMALL FRUITS.

CURRENTS.

The Currant requires a frequent top dressing of manure to the soil, to insure full crops of large fruit. The ground about it should be kept mellow and free from grass and weeds.

For profitable culture we prefer the *renewal* system, *i. e.*, cutting out all the old wood after it has borne two or three years, letting a suitable number of young canes come up to supply its place. The old wood becomes enfeebled by continued bearing, and should therefore be removed.

A selection of some six or eight varieties will cover what is best and most desirable of this fruit, the others being different from them only in slight degree, or falling below them in quality.

BERTIN'S SEEDLING.—Red, early, very large. Price 20 cts. each; per dozen \$1.50.

BLACK NAPLES.—Large, black. The plant has a strong odor.

CHAMPAGNE.—Large, pale pink, or flesh color, and very handsome. We find it mild and excellent. Price, 20 cts. each; per dozen \$1.50.

CHERRY.—The largest of all currants, dark red and very fine; ripens with Red Dutch. The fruit will hang till late in September. Price, 20 cts. each; per dozen \$1.50.

FERTILE D'ANGERS.—Red, large, bunches long. Price, 20 cts. each; per dozen, \$1.50.

FERTILE DE PALLUAU.—Large, red, and very productive. New.

GLOIRE DES SABLONS.—Good size, variegated or striped fruit, of good quality; a novelty. Price, 20 cts. each; per dozen, \$1.50.

LA VERSAILLAISE.—Very large and good, an abundant bearer; red. Price, 20 cts. each; per dozen \$1.50.

MISSOURI YELLOW FLOWERING.—(See Ornamental Catalogue, p. 9.)

RED DUTCH.—A well known variety, productive and profitable.

SCARLET FLOWERING.—(See Ornamental Catalogue, p. 9.)

VICTORIA.—Very large, excellent, and an abundant bearer.

WHITE DUTCH.—Milder than red, and equally productive and desirable.

WHITE GRAPE.—The largest white currant, with bunches shorter than the preceding. The best and most profitable white Currant. Price, 20 cts. each; \$1.50 per doz.

WHITE TRANSPARENT.—Yellowish white, large and prolific. Excellent. Price, 20 cts. each; \$1.50 per doz.

GOOSBERRIES.

English Varieties.

Embracing the most popular kinds.

American Varieties.

DOWNING'S.—Medium to large, greenish white, almost transparent, of flavor equal or superior to Houghton's. Very productive. (C. Downing.)

HOUGHTON'S SEEDLING.—Medium size, pale red, and of excellent flavor. An American seedling, desirable for its fine quality, and especially for its freedom from mildew.

RASPBERRIES.

AMERICAN BLACK CAP.—Very hardy and productive, excellent as a table fruit fresh; also capital for cooking and preserving. Price, 20 cts each; \$1.50 per doz.

ANTWERP, RED.—True. One of the largest, best known and most profitable.

ANTWERP, YELLOW.—Similar to the preceding except in color.

CATAWISSA.—Small, dull red fruit, with a peculiar flavor. Autumn crops abundant. Price, 20 cts each; \$1.50 per doz.

CUSHING.—Large, conical, crimson; a great and continuous bearer.

FASTOLFF.—Fruit very large, purplish red, and quite hardy.

FRANCONIA.—Fruit large, purplish red, fine.

HORNET.—A French variety; Very large, dark crimson, fruit delicious. Price, 20 cts each; \$1.50 per doz.

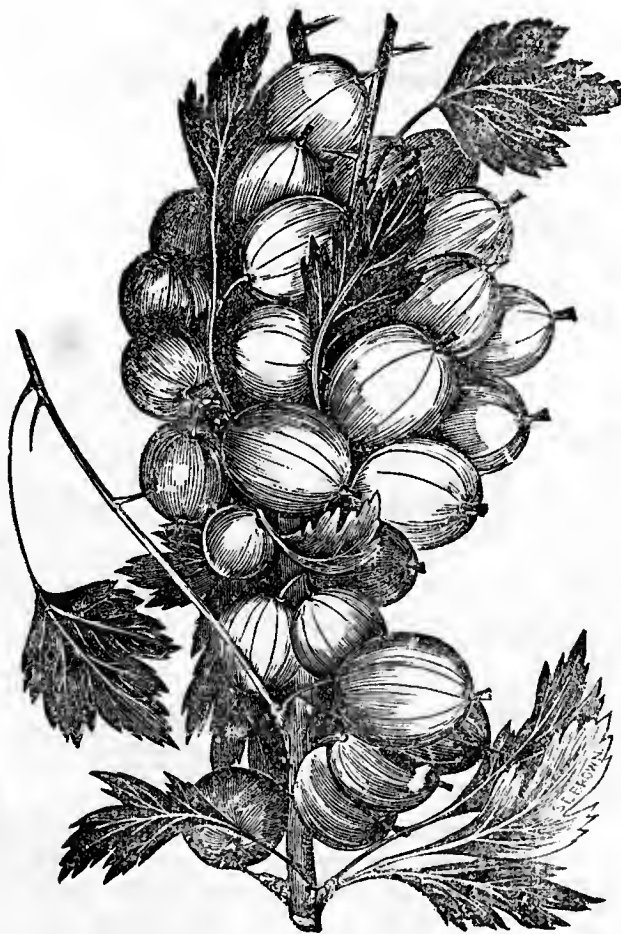
KNEVETT'S GIANT.—Large, roundish, deep red, and of good flavor. Very productive.

LARGE FRUITED MONTHLY.—Large, bright red; often bears till Nov.

MERVELLE DE 4 SAISONS, RED.—Large, often bears even more abundantly in the autumn than the preceding. Price, 20 cts each; \$1.50 per doz.

MERVELLE DE 4 SAISONS, YELLOW.—Sweet and of good flavor. Abundant bearer in the autumn. Price, 20 cts each; \$1.50 per doz.

NORTH RIVER RED.—Valuable for its firmness, great productiveness, and excellent quality.



HOUGHTON'S SEEDLING GOOSEBERRY,

One of the best, for its great productiveness, hardiness, excellence of quality and entire freedom from mildew.



- ORANGE.**—(Seedling of Dr. Brinckle.) Color light buff shaded with rose, large, highly flavored and productive. Price, 20 cts each; \$1.50 per doz.
- VICTORIA, OR BELLE DE FONTENAY.**—A new variety, with very large, dark red berries. Ripens continuously till quite late. Price, 20 cts each; \$1.50 per doz.
- WILDER.**—(Seedling of Dr. Brinckle.) Fruit cream colored, and of fine flavor. Robust habit.
- YELLOW MAGNUM BONUM.**—An English variety. Very firm, large, round, nearly as high colored as the Orange; excellent.
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BLACKBERRIES.

- DORCHESTER.**—Large, long berries; jet black when fully ripe, sweet and agreeable.
- LAWTON, OR NEW ROCHELLE.**—Very large berries, of excellent flavor, and enormously productive. Continues long in bearing.
- NEWMAN'S THORNLESS.**—Berries good size and excellent quality. Vigorous and productive.
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STRAWBERRIES.

Staminate are designated by S, Pistillates by P.

- S. BOSTON PINE.**—Large and productive; excellent.
- P. BRITANNIA.**—Scarlet, medium size; fair quality.
- P. BURR'S NEW PINE.**—Medium, light red, most delicious flavor; one of the best.
- S. CREMONT'S PERPETUAL.**—Very large, fine red, and of the finest flavor.
- P. CRIMSON CONE.**—Good size, rather acid; very productive.
- S. ELTON.**—Large, scarlet, moderate grower; productive.
- P. GARDEN OF EDEN.**—Large, light red, and of good quality.
- S. GENESEE SEEDLING.**—Handsome, good flavor, vigorous, and moderately productive.
- S. HOOKER'S SEEDLING.**—Very large, dark glossy crimson, with a fine rich flavor, scarcely surpassed; quite early and productive.

- P. HOVEY'S SEEDLING.—Large and magnificent, one of the best.
- S. JENNY LIND.—Large, light red, fine flavored, productive.
- S. LARGE EARLY SCARLET.—Early, bears good crops of superior fruit.
- S. LONGWORTH'S PROLIFIC.—A good bearer, and flavor excellent.
- P. McAVOY'S EXTRA RED.—Bright red, large, enormously productive and firm. Rather acid, but one of the best market fruits.
- P. McAVOY'S SUPERIOR.—Excels in size, flavor and productiveness.
- P. MONROE SCARLET.—Of good size and flavor, and a profuse bearer.
- P. MOYAMENSING PINE.—Large, crimson, good bearer, and good quality; fine for market.
- S. OHIO MAMMOTH.—Very large, pale red; moderate bearer.
- S. OSCAR.—New; said to be first rate. Price, 25 cts. per doz.; \$1.50 per hundred.
- S. PEABODY'S SEEDLING, OR HAUTBOIS.—Large, dark crimson, sweet and rich. Not very productive.
- S. PROLIFIC HAUTBOIS.—Large, dark colored, with a rich musky flavor.
- P. PROLIFIC ORANGE.—Large, scarlet, good flavored and productive.
- P. RIVAL HUDSON.—Rich scarlet, handsome and good. One of the most productive market fruits.
- P. SCHNEICKE'S PISTILLATE.—Fine size, scarlet, fine flavor, productive.
- S. SCOTT'S SEEDLING.—Large, light crimson, sweet and good.
- SIR HARRY.—Very large, dark red, fine flavor.
- S. TRIOMPHE DE GAND.—Very large fruit, bright crimson, firm, musky and perfumed. One of the best. Price 25 cts. per doz., \$1.50 per hundred.
- S. TROLLOPE'S VICTORIA.—Very large, scarlet, of excellent flavor, and quite satisfactorily prolific. Price, 25 cts. per doz., \$1.50 per hundred.
- S. WALKER'S SEEDLING.—Fine rich flavor, very dark crimson, and moderately productive.
- S. WILSON.—Large, dark crimson, good quality, very productive; valuable.
- S. WIZARD OF THE NORTH.—Very large, good flavor.

ESCULENT ROOTS.

ASPARAGUS.—Giant. The best.

RHUBARB.—CAHOON'S MAMMOTH.—Very large.

DOWNING'S COLLOSSAL.—Very large; a little coarse, but good.

LINNAEUS, (MYATT'S)—Large, fine flavor; excellent for wine; the best.

SCIONS,

Can be furnished in greater or less quantity, of the varieties enumerated in the foregoing Catalogue. Each scion will cut from six to ten buds, or two to four grafts.

APPLE SCIONS.—Where not more than 6 to 8 kinds are required, 25 cts per dozen; \$1 per 100; \$3 per 1000.

PEAR SCIONS.—Where not more than 6 to 8 kinds are required, 50 cts per dozen; \$2 per 100; \$5 per 1000.

PLUM SCIONS.—Where not more than 6 or 8 kinds are required, 50 cts per dozen; \$2 per 100; \$8 per 1000.

CHERRY AND APRICOT SCIONS.—Where not more than 6 or 8 kinds are required, 50 cts per dozen; \$2 per 100; \$4 per 1000.

Scions of leading sorts in large quantities, ordered through the winter, will be furnished at greatly reduced rate per thousand.



STOCKS.

A general assortment on hand for Nurserymen.

NOTE.—All persons authorized to act as AGENTS for the sale of Stock from this establishment, are furnished with a Certificate from us, duly accrediting them as such.

PRICE LIST.

The following list gives our prices for the ordinary sized Trees and Plants, at the Nursery. Those of different size, whether smaller or larger, will be put at corresponding prices. Parties wishing to purchase in large quantities are referred to our Trade List for the wholesale rates:

		PRICES.
APPLE TREES, STANDARD,	.....	18 to 25 cts. each.
“ “ DWARF,	.....	37½ “ “
PEAR, “ STANDARD,	.....	50 “ “
“ “ DWARF,	.....	37½ to 50 “ “
“ “ BOTH STANDARD AND DWARF,	.....
Extra size, bearing age.....		\$1 to \$2 each.
CHERRY, “ STANDARD,	.....	37½ cts. each.
“ “ DWARF, on Mahaleb Stock,	.....	37½ “ “
PLUM, “		50 “ “
PEACH, “ ON PEACH STOCK,	.....	12½ to 25 “ “
“ “ ON PLUM “		37½ to 50 “ “
APRICOT, “		25 “ “
NECTARINES		25 “ “
QUINCE “		25 “ “
BLACKBERRIES,	.....	15 cts. each, \$1.50 per doz.
CURRENTS,	.....	12½ “ “ 1.00 “ “
GRAPES, Common Varieties,	.....	25 to 50 cts. each.
GOOSEBERRIES, Houghton's Seedling,	.....	12½ cts. each, \$1 per doz.
“ English Varieties,	.....	20 “ “ 2 “ “
“ Downing's,	.....	20 “ “ 2 “ “
RASPBERRIES.	.....	12 “ “ 1 “ “
STRAWBERRIES,	18 cts. per doz., \$1 per hundred.
ASPARAGUS,	1 year, 1.50 “ “
“		2 “ 2.00 “ “
RHUBARB,	25 cts. each, \$1.50 per doz.

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Norway Spruce.